CALENDAR

OF THE

University

OF

British Columbia

SECOND SESSION

1916-17

VANCOUVER, BRITISH COLUMBIA

1916

CALENDAR

OF THE

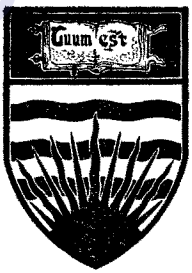
University

OF

British Columbia

SECOND SESSION

1916-17



VANCOUVER, BRITISH COLUMBIA
1916

WHITE & BINDON, PRINTERS
VANCOUVER, BRITISH COLUMBIA
1916

CONTENTS.

THE UNIVERSITY OF BRITISH COLUMBIA.

VISITOR.

The Honourable FRANK S. BARNARD, Lieutenant-Governor of British Columbia.

CHANCELLOR.

F. CARTER-COTTON, ESQ., M.L.A.

PRESIDENT.

F. F. WESBROOK, M.A., M.D., C.M., LL.D.

GOVERNORS.

F. CARTER-COTTON, Esq., M.L.A. (ex-officio).
F. F. WESBROOK, M.A., M.D., C.M., LL.D. (ex-officio).
ROBERT E. MCKECHNIE, Esq., M.D., C.M., Vancouver. Term expires 1917.
GEORGE I. WILSON, Esq., Vancouver. Term expires 1917.
LEWIS G. MCPHILLIPS, Esq., K.C., Vancouver. Term expires 1917.
ROBIE L. REID, Esq., K.C., Vancouver. Term expires 1919.
CAMPBELL SWEENY, Esq., Vancouver. Term expires 1919.
ROBERT F. GREEN, Esq., M.P., Victoria. Term expires 1919.
S. DUNN SCOTT, Esq., M.A., LL.D., Vancouver. Term expires 1921.
ROBERT P. MCLENNAN, Esq., Vancouver. Term expires 1921.
GEORGE H. BARNARD, Esq., K.C., M.P., Victoria. Term expires 1921.

SENATE.

(*a.*) The Minister of Education, the Honourable GEORGE ALBERT MCGUIRE, D.D.S.
Superintendent of Education, ALEXANDER ROBINSON, Esq., B.A., LL.D.
The Chancellor.
The President (Chairman).
(*b.*) Dean of the Faculty of Agriculture, LEONARD S. KLINCK, M.S.A.
Dean of the Faculty of Applied Science, REGINALD W. BROCK, M.A., F.G.S., F.R.S.C.
Dean of the Faculty of Arts, G. E. ROBINSON, B.A.
Dean of the Faculty of Forestry.
Representatives of the Faculty of Agriculture, DR. D. MCINTOSH, DR. H. ASHTON.

Representatives of the Faculty of Applied Science, DR. J. G. DAVIDSON, ————.

Representatives of the Faculty of Arts, PROF. L. ROBERTSON, PROF. H. CHODAT.

Representative of the Faculty of Forestry.

Representative of the Faculty of Forestry.

(*c.*) Appointed by the Lieutenant-Governor in Council:—
J. W. CREIGHTON, Esq., New Westminster, B. C.
The Right Rev. A. U. DE PENCIER, D.D., Vancouver, B. C.
The Hon. D. M. EBERTS, K.C., M.L.A., Victoria, B. C.

(*d.*) The Principal of Vancouver Normal School, WM. BURNS, Esq., B.A.

The Principal of Victoria Normal School, D. L. MACLAURIN, Esq., B.A.

(*e.*) Representative of High School Principals.

(*f.*) Representative of Provincial Teachers' Institute.

(*g.*) Representative of Affiliated Colleges.

(*h.*) Elected by Convocation:—
R. E. MCKECHNIE, Esq., M.D., C.M., Vancouver, B. C.
Hon. F. W. HOWAY, LL.B., New Westminster, B. C.
N. WOLVERTON, Esq., B.A., LL.D., Nelson, B. C.
J. S. GORDON, Esq., B.A., Vancouver, B. C.
Mrs. J. W. DEB. FARRIS, M.A., Vancouver, B. C.
F. C. WADE, Esq., B.A., K.C., Vancouver, B. C.
W. P. ARGUE, Esq., B.A., Vancouver, B. C.
W. D. BRYDONE-JACK, Esq., B.A., L.R.C.P., L.R.C.S., Vancouver, B. C.
J. M. TURNBULL, Esq., B.A.Sc., Vancouver, B. C.
E. W. SAWYER, Esq., B.A., D.C.L., Summerland, B. C.
Mrs. M. R. WATT, M.A., Victoria, B. C.
C. D. RAND, Esq., B.A., Vancouver, B. C. (deceased).
Hon. GORDON HUNTER, B.A., Victoria, B. C.
E. P. DAVIS, Esq., B.A., Vancouver, B. C.
J. M. PEARSON, Esq., M.D., Vancouver, B. C.

OFFICERS AND STAFF.

F. F. WESBROOK, M.A., M.D., C.M., LL.D., President.

GEORGE E. ROBINSON, B.A., Registrar, Dean of the Faculty of Arts and Associate Professor of Mathematics.

LEONARD S. KLINCK, M.S.A., Dean of the Faculty of Agriculture and Professor of Agronomy.

REGINALD W. BROCK, M.A., F.G.S., F.R.S.C., Dean of the Faculty of Applied Science and Professor of Geology (absent on leave, overseas service).

JOHN RIDINGTON, Acting Librarian and Cataloguer.
F. DALLAS, Business Agent.

Department of Agronomy.

L. S. KLINCK, M.S.A., Professor of Agronomy.
P. A. BOVING, Cand. Phil., Cand. Agr., Assistant Professor of Agronomy.

Department of Animal Husbandry.

————, Professor of Animal Husbandry.

Department of Bacteriology.

F. F. WESBROOK, M.A., M.D., C.M., Professor of Bacteriology.

Department of Biology.

ANDREW H. HUTCHINSON, M.A., Ph.D., Assistant Professor of Botany.

Department of Chemistry.

DOUGLAS MCINTOSH, M.A., D.Sc., F.R.S.C., Professor of Chemistry and Head of the Department.
E. H. ARCHIBALD, M.A., Ph.D., F.R.S.E., Assistant Professor of Chemistry.
ROBERT H. CLARK, M.A., Ph.D., Assistant Professor of Chemistry.

Department of Civil Engineering.

H. K. DUTCHER, M.Sc., M.Can.S.C.E., Assistant Professor of Civil Engineering.
E. G. MATHESON, B.A., M.Am.S.C.E., M.Can.S.C.E., Instructor in Civil Engineering.
W. H. POWELL, C.E., Special Field Instructor.

Department of Classics.

L. F. ROBERTSON, M.A., Associate Professor of Classics.
S. J. WILLIS, B.A., Associate Professor of Classics.
R. E. MACNAGHTEN, M.A., Assistant Professor of Greek.
H. T. LOGAN, B.A., Instructor in Classics (absent on leave, overseas service).

Department of Economics, Sociology and Political Science.

THEODORE H. BOGGS, M.A., Ph.D., Assistant Professor of Economics.

Department of English.

J. K. HENRY, B.A., Assistant Professor of English.
FREDERICK G. C. WOOD, M.A., Instructor in English.

Department of Geology and Mineralogy.

R. W. BROCK, M.A., F.R.S.C., Professor of Geology (absent on leave, overseas service).
STUART J. SCHOFIELD, M.A., B.Sc., Ph.D., Acting Professor of Geology.

Department of History.

MACK EASTMAN, B.A., Ph.D., Assistant Professor of History.

Department of Horticulture.

F. M. CLEMENT, B.S.A., Professor of Horticulture.

Department of Mathematics.

GEORGE E. ROBINSON, B.A., Associate Professor of Mathematics.
E. H. RUSSELL, B.A., Assistant Professor of Mathematics.
E. E. JORDAN, M.A., Instructor in Mathematics.

Department of Mechanical Engineering.

L. KILLAM, M.A., B.Sc., Assistant Professor of Mechanical Engineering.

Demonstrators.

J. M. GOODWIN, Draughting.
H. TAYLOR, Machine-work and Blacksmithing.
S. NORTHROP, Wood-working.
J. ROBB, Moulding.

Department of Military Training.

(Canadian Officers' Traning Corps.)

Names submitted and approved for commission, C. O. T. C.:

To be Provisional Major—Capt. F. F. Wesbrook, 107th Regiment.

To be Captain—Capt. E. E. Jordan, from McGill University College Contingent.

To be Lieutenant—Lieut. H. T. Logan, from McGill University College Contingent.

Capt. L. A. Elliott, 72nd Seaforth Highlanders, Adjutant.

Lieut. S. J. Schofield, 3rd Field Co., Canadian Engineers of Ottawa.

Department of Mining and Metallurgy.

J. M. TURNBULL, B.A.Sc., Professor of Mining and Metallurgy, and Head of the Department.

Department of Modern Languages.

H. ASHTON, B.A., D.Litt., Officier de l'Instruction Publique, Associate Professor of French.
HENRI CHODAT, M.A., Assistant Professor of Modern Languages.
ISABEL MACINNES, M.A., Instructor in Modern Languages.

Department of Philosophy.

JAMES HENDERSON, M.A., Assistant Professor of Philosophy.

Department of Physics.

J. G. DAVIDSON, B.A., Ph.D., Associate Professor of Physics.
T. C. HEBB, M.A., Ph.D., Assistant Professor of Physics.
P. H. ELLIOTT, M.Sc., Instructor in Physics.

ACADEMIC YEAR, 1916-17.

1916. Monday, August 28th.	Supplemental Examinations in Applied Science begin.
Wednesday, August 30th.	Summer School in Surveying opens.
Monday, September 18th.	Supplemental Examinations in Arts begin. Matriculation Examinations begin. Registration begins.
Friday, September 22nd.	Last day for Registration.
Monday, September 25th.	Meeting of the Faculty at 10 a.m.
Tuesday, September 26th.	Lectures begin.
Wednesday, October 11th.	Meeting of the Senate.
Wednesday, December 13th.	Meeting of the Senate.
Thursday, December 14th.	Last day of Lectures for Term.
Saturday, December 16th.	Examinations begin.
Friday, December 22nd.	Examinations end.
Wednesday, December 27th.	Meeting of the Faculty at 10 a.m.

1917. Monday, January 8th.	Second Term begins.
Wednesday, February 14th.	Meeting of the Senate.
Friday, April 6th.	Last day of Lectures.
Wednesday, April 11th.	Sessional Examinations begin.
Friday, April 27th.	Meeting of the Faculty.
Wednesday, May 2nd.	Meeting of the Senate.
Thursday, May 3rd.	Congregation.
Monday, June 25th.	Matriculation Examinations begin.

MATRICULATION EXAMINATION TIME-TABLE.

SEPTEMBER, 1916.

MONDAY, SEPTEMBER 18TH.

Morning, 9-11—English Literature.
11-12:30—Botany and Chemistry.
Afternoon, 2:30-4:30—English Composition.

TUESDAY, SEPTEMBER 19TH.

Morning, 9-11—Latin Authors; Arithmetic.
11-12:30—Trigonometry.
Afternoon, 2:30-4:30—Latin Composition and Sight; English Grammar.

WEDNESDAY, SEPTEMBER 20TH.

Morning, 9-11—Algebra, Part I.
11-1—French Grammar.
German Grammar.
Afternoon, 2:30-4:30—French Translation.
German Translation.

THURSDAY, SEPTEMBER 21ST.

Morning, 9-11—Geometry, Part I.
11-12:30—Physics; Physiography.
Afternoon, 2:30-4:30—History.

FRIDAY, SEPTEMBER 22ND.

Morning, 9-11—Algebra, Part II.; Greek Authors.
Afternoon, 2:30-4:30—Geometry, Part II.; Greek Composition and Sight.

Special arrangements may be made for the examination of candidates who are prevented by severe illness or domestic affliction from presenting themselves on the dates fixed above.

EXAMINATION TIME-TABLES.

FACULTY OF ARTS, SUPPLEMENTAL EXAMINATIONS, SEPTEMBER, 1916.

Date	Hour	Supp. to First Year Sessional.	Supp. to Second Year Sessional	Supp. to Third Year Sessional.
Monday, 18	9	Trigonometry	English Literature	English Literature.
	2	Algebra	English Composition	English Composition.
Tuesday, 19	9	Latin Books	Latin Books	Latin Books.
	2	Latin Composition, Sight Translation and History	Latin Composition, Sight Translation, History and Literature	Latin Composition, Sight Translation. English Literature.
Wednesday, 20	9	French	French	French.
	2	French	French	
Thursday, 21	9	English Literature	Chemistry Geology	
	2	English Composition and History	Psychology.	
Friday, 22	9	Geometry	Greek Books. Logic. German.	
	2	Physics	Greek Composition, Sight Translation. German.	
Saturday, 23	9	Greek Books German	Solid Geometry and Conics	
	2	Greek Composition, Sight Translation, and History German	Algebra.	

The University of British Columbia.

HISTORICAL SKETCH.

The establishment of a University in British Columbia was first advocated by Superintendent Jessop, in 1877, when he called public attention to the urgent need for providing the youth of the Province with an education which would adequately equip them for their various activities in the life of the Province. It was several years, however, before active steps were taken in this direction.

In 1890, the Provincial Legislature passed an Act establishing a body politic and corporate named the University of British Columbia. The first Convocation was held in Victoria on August 26th, 1890, when the Hon. John Robson, Provincial Secretary, presided. There were present seventy certified members of Convocation, who elected three members of Senate.

In 1891, the Act was amended by the addition of a clause requiring a meeting of the Senate to be held within one month after the election of Senators by Convocation. The Senators having been elected on June 2nd, the Chancellor, Dr. I. W. Powell, of Victoria, called a meeting of Senate for July 2nd. A quorum failed to assemble, and the first attempt to establish a University proved futile.

In 1904, a University Graduates' Society was formed in Vancouver "to make and co-operate in all efforts to secure a University (with endowments) for British Columbia." The Nelson University Club strongly supported these endeavours, as did also various religious denominations through their official organizations.

In 1907, the Hon. Dr. H. E. Young, Minister of Education,

took definite steps to establish a University by introducing a "University Endowment Act," which was passed by the Legislature. By this Act (slightly amended in 1911 and 1913) the setting apart of two million acres of land, by way of University endowment, was authorized.

Constitution of Present University.

In 1908, an Act establishing and incorporating the University of British Columbia, and repealing the old Act of 1890-1, was passed. The Act of 1908 provides:—

> That the University shall consist of a Chancellor, Convocation, Board of Governors, Senate, and the Faculties; that the first Convocation shall consist of all graduates of any university in His Majesty's dominions resident in the Province two years prior to the date fixed for the first meeting of Convocation, together with twenty-five members selected by the Lieutenant-Governor in Council. After the first Convocation it shall consist of the Chancellor, Senate, members of the first Convocation, and all graduates of the University; that the Chancellor shall be elected by Convocation; that the Board of Governors shall consist of the Chancellor, President, and nine persons appointed by the Lieutenant-Governor in Council; that the Senate shall consist of: (*a*) The Minister of Education, the Chancellor, and the President of the University, who shall be Chairman thereof; (*b*) the deans and two professors of each of the Faculties elected by members of the Faculty; (*c*) three members to be appointed by the Lieutenant-Governor in Council; (*d*) the Superintendent of Education, the principals of the normal schools; (*e*) one member elected by the high-school principals and assistants who are actually engaged in teaching; (*f*) one member elected by the Provincial Teachers' Institute organized under sub-section (*e*) of section 8 of the "Public Schools Act"; (*g*) one member to be elected by the governing body of every affiliated college or

school in this Province; (*h*) fifteen members to be elected by Convocation from the members thereof;

That the University shall be non-sectarian;

That instruction in Arts shall be free to all regular students matriculated in the University;

That women students shall have equality of privilege with men students;

That no other university having corporate powers capable of being exercised within the Province shall be known by the same name, or have power to grant degrees.

Instruction.

The Act of 1908 (consolidated August 2, 1912) provides for:—

(*a*) Such instruction in all branches of a liberal education as may enable students to become proficient, and qualify for degrees, diplomas and certificates, in Science, Commerce, Arts, Literature, Law, Medicine and all other branches of knowledge; (*b*) such instruction especially, whether theoretical, technical, artistic or otherwise, as may be of service to persons engaged in the manufactures, or the mining, engineering, agricultural and industrial pursuits of the Province; (*c*) facilities for the prosecution of original research in Science, Literature, Arts, Medicine, Law, and especially the applications of Science; (*d*) such fellowships, scholarships, exhibitions, prizes, rewards, and pecuniary and other aids as shall facilitate or encourage proficiency in the subjects taught in the University, and also original research in every branch; (*e*) such extra-collegiate and extra-university instruction and teaching as may be recommended by the Senate.

Selection of a Site.

Under authority of an Act passed by the Legislature in 1910, the Lieutenant-Governor in Council appointed a Site Commission whose decision was to be final. The personnel of the Commission was as follows:—

Dr. R. C. Weldon, Dean of Law School, Dalhousie University, Chairman.

Rev. Canon G. Dauth, Vice-Rector, Laval University, Montreal.

Dr. Walter C. Murray, President, University of Saskatchewan.

Dr. Oscar V. Skelton, Professor of Economics, Queens University.

Dr. Cecil C. Jones, Chancellor, University of New Brunswick.

The Commission held its first meeting on May 25th, 1910, in Victoria, and, after an exhaustive examination of the Province, presented the following unanimous report:—

VICTORIA, B. C., June 28th, 1910.

To His Honour the Lieutenant-Governor in Council:

Sir,—The University Site Commission begs to submit the following report:—

In accordance with the provisions of the "University Site Commission Act, 1910," your Commissioners have visited and made a careful examination of the several cities and rural districts in the Province suggested as suitable University sites, and have selected as the location for the University the vicinity of the City of Vancouver.

Accompanying the main report was the following supplementary report:—

The University Site Commissioners are strongly of the opinion that the University should not be placed on a site which may in time be completely surrounded by a city. They respectfully suggest that not less than 250 acres be set apart for the University campus, and 700 acres for experimental purposes in agriculture and forestry. This is exclusive of a forest reserve for forestry operations on a large scale.

The Commissioners are of the opinion that the most suitable site is at Point Grey, unless the soils there and those of the delta land adjacent are found to be unsuitable for the experimental work of the College of Agriculture. Should Point Grey prove impossible, the Commissioners suggest: First, a site along the shore of North Vancouver, provided the tunnel and bridge are constructed; second, St. Mary's Hill, overlooking the Pitt, Fraser, and Coquitlam Rivers, provided residences are erected for the students. Central Park, though conveniently situated, will probably be surrounded by the Cities of Vancouver and New Westminster, and because of this and of the absence of outstanding scenic advantages, is undesirable.

While the Commissioners are firmly convinced that it is of the highest importance to have all the Faculties of the University doing work of University grade located together, they believe that the diverse conditions of agriculture in this Province make it advisable to divide the work of agricultural education between the College of Agriculture and Schools of Agriculture of secondary grade located in different centres. The College of Agriculture should conduct researches, provide courses leading to a degree, and supervise the extension work and Schools of Agriculture. These schools should be established in conjunction with the Demonstration Farms in typical centres, and should provide short courses (extending over the winter months) of two or three years for the sons of farmers. Each school might specialize in one or more branches, such as horticulture, dairying, etc.

Similarly, Technical Evening Schools might be opened in the different coal-mining centres for the preparation of candidates for mining certificates, and in the metal-mining districts for the assistance of prospectors and others.

The Commissioners have been greatly impressed by the marvellous richness, variety, and extent of the natural resources of this Province, and by the very generous provision made for the endowment of the University; and they are of the opinion that, if the University adopts a policy of offering salaries ranging from $3,800 to $5,000 to its professors, it will attract men of the highest ability, who, by their scientific investigations and outstanding reputations, will not only materially aid in developing the resources of the Province, but will also place the University on an equality with the best universities of America.

In the autumn the Executive Council, after a careful survey of the sites proposed, decided to locate the University at Point Grey, the site which the Commission named as its first choice.

In 1911, the Legislature passed an Act authorizing the Lieutenant-Governor in Council to grant this site to the University. In 1913, this grant was increased by a few acres.

The site at present consists of 250 acres lying upon the extremity of the headland of Point Grey at an elevation of approximately 300 feet above the sea. The waters of the Gulf of Georgia form more than half the boundary of the site, while the remaining sides are bounded by a tract of some 3,000 acres of Government land. It is accessible by water for passenger and freight service, and is within a mile and a half of the existing electric tram service, which will be extended to the grounds. The site has now been cleared and the main campus and some of the roads have been graded.

First Convocation.

Between May 1st and July 31st, 1912, 849 members of Con-

vocation were registered, of whom twenty-five had been appointed by the Lieutenant-Governor in Council. The first Convocation, held August 21st of the same year, chose Mr. Francis Carter-Cotton as first Chancellor of the University, and elected certain Senators.

Plans for Buildings.

In February, 1912, the Hon. H. E. Young, Minister of Education, called for competitive plans which should include plans in detail of four buildings to be erected immediately, and a block plan exhibiting the completed buildings as a beautiful and harmonious scheme in keeping with the site, one of the finest in the world.

The first prize was $5,000 and the probability of being engaged as the University architect; the second, third, and fourth, $2,000, $2,000, and $1,000, respectively. The competition was closed in November, and the first prize awarded to Messrs. Sharp & Thompson, of Vancouver, by a Board of Assessors consisting of: Hon. H. E. Young, Minister of Education; F. Carter-Cotton, Chancellor; A. Arthur Cox, Samuel Maclure, and W. Douglas Caröe.

The President and Governors.

In March, 1913, the Lieutenant-Governor in Council appointed the President, F. F. Wesbrook, M.A., M.D., C.M., LL.D., and shortly after the following Governors:—

George H. Barnard, Esq., K.C., M.P.
Robert F. Green, Esq., M.P.
Robert E. McKechnie, Esq., M.D., C.M.
Robert P. McLennan, Esq.
Lewis G. McPhillips, Esq., K.C.
Robie L. Reid, Esq., K.C.
S. Dunn Scott, Esq., M.A., LL.D.
Campbell Sweeny, Esq.
George I. Wilson, Esq.

Buildings and Grounds.

The University architects are Messrs. Sharp & Thompson, of Vancouver, B. C., who obtained the award in the competition held in 1912. In November, 1913, Dr. C. C. James, Commissioner of Dominion Agricultural Instruction, met with a Commission appointed to examine and report upon the general design for the University. A general plan was prepared by this Commission and approved by the Board of Governors.

The report accompanying the plan presented a statement of the problem to be solved and the solution proposed by the Commission, and pointed out the practical and artistic possibilities of the design. With it were submitted drawings showing the building areas for the various constituent portions of the University, and the location proposed for the buildings which are to be constructed at once. The design is a comprehensive one, and provides for the needs of an institution potentially great, the relatively small beginnings of which must be arranged with due regard for present economy and efficiency, yet in such a manner as to ensure co-ordination with a properly planned and steadily developing scheme.

The Commission consisted of:—

Dr. Thomas H. Mawson, City Planner and Landscape Artist, of London, England;

Mr. Warren Powers Laird, Professor and Head, School of Architecture, University of Pennsylvania, and Advisory Architect to the University of Wisconsin;

Mr. Richard J. Durley, late Professor and Head of the Department of Mechanical Engineering, McGill University;

Messrs. Sharp & Thompson, the University architects.

In accordance with the recommendations of the Commission's report, detailed plans and specifications are being prepared for the various buildings, and the Science Building is under construction.

This building is planned for the temporary accommodation of Physics, Chemistry, Biological and certain other Sciences, but it is intended ultimately for the sole use of Chemistry. With its equipment it is expected to cost about $600,000.

Preparations for Work.

In 1914, the Legislature voted $500,000 and the Government promised $1,000,000 for the following year, thus enabling the Board to proceed with actual work on the University. The clearing of the site was completed, and necessary grading done; the steel-concrete work of the Science Building was completed; the Deans of Agriculture and Applied Science and some professors were appointed, and in general the necessary preliminary preparations were made for beginning University work in the fall of 1915.

War Conditions.

Upon the outbeak of war in August, 1914, the Board of Governors, feeling that it would be shortsighted and unpatriotic to commit the public to a large capital expenditure and heavy fixed charges when every available dollar in the country might be required in the struggle to preserve the rights and liberties of free peoples, decided to withhold the contract for the completion of the Science Building, to make no further contracts or appointments to the staff, and to postpone large expenditures upon the library and grounds. By this action the grant for the year largely reverted to the Provincial Treasury, and the people were not committeed to a heavy outlay in 1915.

In 1915, the Legislature voted sufficient funds to enable the University to take over and carry on the work of McGill University College, and to add a year's work to it, thus giving a complete Arts Course leading to a degree and the first three years in a course in Applied Science. Funds were also voted to enable Dean Klinck to prepare and put under cultivation a small portion of the campus to be ready for experimental work by the time agricultural classes can be undertaken.

Students at the Front.

As a number of the students of the University have volunteered for the Front during the past eighteen months, certain conditions arose which were dealt with at a meeting of the Senate held on February 16th, 1916. At this meeting the following resolutions were carried with regard to the standing to be granted students enlisting for overseas service:—

(1) "That students who leave in their fourth year be given their degree at the end of the session.

(2) "That those who attend for the major part of any year be given their standing for that year.

(3) "That it be made possible for those who leave before the end of the first term to graduate when they have completed three full years at the University.

(4) "That former students of the McGill University College of British Columbia at present at the Front who would otherwise be now enrolled in the University of British Columbia, be given an opportunity of enrolling as students of the University of British Columbia without payment of fees."

First Session (1915-1916).

The University opened, as announced, on September 29th, 1915. Three hundred and seventy-nine students were enrolled, which, with fifty-six students at the Front, made a total student body of four hundred and thirty-four.

The students in attendance came from forty localities in British Columbia, three other Canadian provinces, and six other countries.

A successful session was brought to a close by Congregation held on the 4th of May, at which forty students were granted the degree of B.A.

Royal Institution for the Advancement of Learning of British Columbia.

It must not be supposed that in the interval which

elapsed from the first attempt to establish a Provincial University till it became an accomplished fact, University education was non-existent in the Province. On the contrary, throughout the greater part of that time, University work was being carried on, and was steadily growing in extent and importance. This work was performed under the auspices of McGill University, Montreal, at first by colleges affiliated with McGill, and afterwards by an incorporated college of that university with one branch in Vancouver and another in Victoria.

As it was this University work, carried on in the Province from 1899 to 1915, which made it possible for the Provincial University to graduate students in the first year of its existence, a short historical sketch of its inception and development will be in place here.

In 1894, at the instance of friends of higher education in the Province, legislation was passed which empowered the affiliation of high schools to recognized universities; and this was supplemented in 1896 by an Act providing for the incorporation of high schools as colleges in accordance with the charters and constitutions of such universities. Under these enactments Vancouver High School became Vancouver College, and was admitted to affiliation for the First Year in Arts by the Corporation of McGill University, which had in the meantime secured such extension of its charter powers as made possible the admission of extra-Provincial colleges to the relation of affiliation. Work was begun under this relation in 1899, and by 1902 the work had grown so, and was of such a character that an extension of affiliation was granted, to cover the second year in Arts and the University Intermediate Examination. This year Victoria College, too, applied for and obtained affiliation covering the First Year Arts.

Later, the need of University connection more intimate still led to the Act passed in 1906 incorporating the Royal Institution for the Advancement of Learning of British Columbia. This Act, amended in 1907, granted power to the Royal Institution to establish at such places in British Columbia as McGill

University might designate, colleges for the higher education of men and women.

In pursuance of the objects of its foundation, the Royal Institution established in 1906 at Vancouver the McGill University College of British Columbia (by agreement with the Board of School Trustees), taking over the Arts work previously done by the Vancouver College, increasing the number of the options allowed, and adding two years of Applied Science. In 1908, the course was further extended to include the Third Year in Arts.

In 1907, the Act was amended so as to allow of the establishment of Colleges of the Royal Institution in other cities in the Province, and in the following year the College at Victoria, hitherto directly affiliated to McGill, came under the control of the Royal Institution as a part of the McGill University College of British Columbia, with courses in the first two years in Arts.

The instruction given was similar to that of McGill University, the standards were identical, and the University examined and accepted the undergraduates *ad eundem statum.*

During the last year of its existence the McGill University College enrolled 292 students at Vancouver and 70 at Victoria.

These institutions were maintained mainly by grants from the School Boards of Vancouver and Victoria, supplemented in the earlier stages by contributions from Sir William Macdonald, of Montreal, and many public-spirited citizens of British Columbia, and later by grants from the Provincial Government, the City of Vancouver, and the University of British Columbia.

These colleges have now ceased to exist. That they did sound and genuine work is evidenced by the high standing taken in the older universities by students who received from them the earlier years of their training, and they brought a university education within the reach of many to whom otherwise it would have been denied.

THE UNIVERSITY AND THE PROVINCE.

The University of British Columbia is to be considered an integral part of the public educational system of the Province. As such it completes the work begun in the public and high schools, holding to the high school, with regard to studies, a position comparable to that which the high school sustains to the public school. As those who have passed through the public schools may freely avail themselves of the high school, so those who have profited by instruction offered in the high schools may advance to the opportunities afforded by the University. To encourage all who may be able to proceed to the higher education, advancement from one grade to another is made as easy and natural as possible. The University undertakes to furnish instruction in the various branches of a liberal education, and in the technical branches that have a bearing upon the life and industries of the Province. Its aim is to encourage research work in all departments, to produce creative scholars, and so do its share in enlarging the domain of knowledge. It is the intention to organize extension work upon a broad basis, in order to carry to the people of the Province, whose circumstances deprive them of the opportunity of attendance within the walls of the University, the useful knowledge so rapidly accumulating.

By prescribing a large number of studies during the first years of undergraduate work, and by leaving a wide choice to the student during his final years under a definite system, the University endeavours to give a wise measure of direction, while at the same time encouraging individual initiative and special development.

Several contemplated extensions of University work have been postponed through the exigencies of finance and the war, but so soon as the financial outlook brightens important developments may be expected.

In the meantime, the present educational equipment of the University is being fully employed, and it will be the policy of

the University to place its resources for research at the service of the citizens, and to disseminate such information concerning the application of science to the industries of the Province as may prove helpful. Thus it will be the general policy of the Institution to foster the educational interests of the Province, broadly and generously interpreted.

ENDOWMENTS.

The University Act of 1908 (slightly amended 1912) provides that:—

> "Any person or corporation may, with the approval of the Senate, found one or more professorships, lectureships, fellowships, scholarships, exhibitions, prizes, or other awards in the University, by providing a sufficient endowment in land or other property, and conveying the same to the University for such purposes, and every such endowment of lands or other property shall be vested in the University for the purpose or purposes for which it is given."

THE LIBRARY.

Acting Librarian, John Ridington.

The University Library consists of about 21,000 bound volumes and seven thousand pamphlets. The bulk of these were purchased in England and Paris immediately prior to the establishment of the University as a teaching institution. A considerable proportion of the Library consists of rare and of out-of-print books, practically complete sets of magazines devoted to science and research, and of transactions of learned societies.

Pending the removal of the University to its permanent loca-

tion in Point Grey, the Library is housed in the eastern wing of the Arts Building. This is a reinforced concrete structure, thus minimizing the risk of damage by fire.

In addition to representative standard works on philosophy, religion, history, sociology, economics, classics, modern languages, science, archaeology, and ethnology, there is a valuable collection of general reference works at the disposal of students and readers.

Small departmental libraries are maintained in the Chemistry, Physics and Geology departments.

The Library is classified on the system in use at the Congressional Library at Washington. This work has engaged the Library staff for a year, and it is expected it will be completed, at least as far as the bound volumes are concerned, by the opening of the University in the Fall Term in October, 1916.

While the University, as a teaching institution, has completed only its first year, interest in the Library has already been manifested by British Columbians appreciating good books. The Chancellor of the University had donated a file of the "News-Advertiser" from its establishment to 1910. Works written by members of the Faculty are already represented on the Library shelves, these including "The Flora of Southern British Columbia," by Professor J. K. Henry; "Du Bartas en Angleterre," by Dr. Ashton; and "Church and State in Early Canada," by Dr. Mack Eastman. Donations to the Library during the past year have been received from Henry Lye, Esq.; F. C. Wade, Esq.; Dean Brock; Dr. McIntosh; D. R. Elliott Turnbull, Esq.; H. Chodat, Esq.; U. S. Consul-General Mansfield.

The Library is open during the session from 8:45 a.m. to 5:00 p.m., and from 7:00 p.m. to 9:00 p.m. On Saturdays it is not open in the evening. During the vacation it is open from 9:00 a.m. to 5:00 p.m. and on Saturdays from 9:00 a.m. to 1:00 p.m.

Students may borrow no more than two books for home use for a period not exceeding seven days or for a shorter period

of time, determined by the demand for the book. Books may be renewed at the expiration of the loan period, provided they are not overdue or needed by other readers.

Books may not be taken from the Library until they have been charged at the Loan Desk. Failure to have the book charged may subject the offender to a fine of $1.00.

Works that are rare, costly or otherwise unsuited for general circulation, are loaned only under special conditions, and at the discretion of the Librarian.

Books to which the members of the Faculty have specially referred their classes are placed in the "Reserved Class."

Reference and reserved books and periodicals may, however, be loaned for periods during which the Library is closed, on condition that they are returned promptly at the time the Library next opens. Failure to do this before 9:00 a.m. will subject the borrower to a fine of 25 cents, to a further fine of 5 cents an hour until returned, and to a possible withdrawal of Library privileges.

All books charged to a student must be returned on or before closing day of each session.

A fine of 3 cents a day will be imposed for each day a book is kept overtime, the fine to be paid when the book is returned; provided that, if a book is not returned five days or more after it is due, the borrower shall pay double the accumulated fines, and no further books shall be issued to the delinquent until all fines are paid. If the book is lost, the borrower shall pay the cost of the book and the fines accumulated at the time he notifies the Librarian of the fact.

DONATIONS.

The following donations have been received:—

A complete file of the "News-Advertiser" up to 1910, bound in half-leather, from Mr. F. Carter-Cotton, Vancouver.

Complete set of Debates and Parliamentary Papers, from H. M. Imperial Government, London.

Reports and Publications of the Canadian Geological Survey, from O. E. LeRoy, Ottawa.

Publications of the Carnegie Institution of Washington.

Publications of the United States Geological Survey and Bureau of Mines.

Publications of the Imperial Bureau of Entomology, from C. Gordon Hewitt, Ottawa.

The M.S. notes of Harvey's Lectures, from Sir William Osler.

Reprints and Official Publications, from R. W. Brock, Vancouver.

Makers of Canada, Life of Egerton Ryerson, Life of Sir John A. Macdonald, from Henry Lye, Vancouver.

Alison's History of Europe, from R. Elliott Turnbull, North Vancouver.

Encyclopoedia Americana (1906); Early Statutes of Canada; Evidence and Findings of the Alaska Boundary Commission, 1903; copies of Archaeological, Army Service, and University Magazines; and nearly two hundred publications of the U. S. Forestry Department, from F. C. Wade, K.C., Vancouver.

Complete copy of the 1912 census of the United States, and eighty other United States Government publications, principally of the Departments of Agriculture and Labour, and of the Interstate Commercial Commission, from R. G. Mansfield, Esq., American Consul, Vancouver.

Works on Primitive History and on Logic, by Robie L. Reid, K.C., Vancouver.

Collection of Japanese Butterflies, from Mr. Cataro Fugità.

Fossils from the Fraser Delta, from Mr. A. E. Rand, New Westminster.

Journal of John Wesley, 4 vols., 1909; Council Transactions, edited by Countess of Aberdeen; Women in Pro-

fessions, 2 vols.; Women in Education, 1 vol.; Women in Social Life, 1 vol.; Women in Industrial Life, 1 vol.; Women in Politics, 1 vol.; De Quincey's Works, 10 vols., 1862; Journal of Charles Wesley, 2 vols., 1849; Moore's Songs and Ballads of the American Revolution, 1905; Julia Wedgewood's John Wesley, 1870; Lady Edgar's Ten Years of Upper Canada, 1890; Bagehot's Literary Studies, 2 vols., n. d., from Miss E. Philipps Edge.

Imperial Highway, from Clarke & Stuart.

Adventures of Sir Launcelot Greaves, 1786; Honours of the Table, 1791; Curious Collection of Receipts in Cookery, 1742; Sparrman's Diseases of Children and Their Remedies, 1776; Arts Masterpiece, n. d.; Rt. Hon. Mary Wortley Montagu's Works, 4 vols., 1803; Natural History of Reptiles and Serpents, n. d.; Natural History of Remarkable Trees, Shrubs and Plants, 1831, from Miss Hadwen.

Lord Sydenham's India and the War, from Sir Robert Borden.

Mansfield's Progressive Chile, 1913, from R. G. Mansfield.

Du Bartas en Angleterre, 1908, from H. Ashton.

Eastman's Church and State in Early Canada, 1915, from M. E. Eastman.

Henry's Flora of Southern B. C., 1915, from J. K. Henry.

Edmund Burke's Articles of Charge of High Crimes and Misdemeanors Against Warren Hastings, 1786; Silas Taylor's History of Travel-Kind, 1663, from R. L. Reid, K.C.

Edinburgh Review; Les Chronicles de J. Froissart, 1881; Hon. Maurice Waring's Mainsprings of Russia, 1914; Reich's Germany's Madness, 1914, from H. Chodat.

Hoffman's Mortality from Cancer Throughout the World, 1915, from Prudential Insurance Co.

In Various Moods, from Stuart Livingston, K.C.

Publications (various), from Carnegie Institute of Washington.

Publications (various), from Dominion Government.

Publications (various), from Smithsonian Institution, Washington.

Including Blue Books, Reports, Parliamentary Debates, etc., from Government of Great Britain.

Including Library of Congress, Department of Agriculture, etc., from U. S. Government.

Commission of Conservation, from Provincial Governments of Ontario and British Columbia.

Treaty of 1825; Papers and Records, from James White, Esq., F.R.S.C.

Presentations to the Geological Department.

A fine collection of 23 well-trimmed specimens of rocks and ores from the Lillooet district, B. C., from W. J. Gray, Science '19.

Crystal of barite from Cumberland, Eng.; crystal of zircon from North Carolina, U. S. A.; two crystals of zircon from El Paso, Co., U. S. A.; crystal of Vesuvianite from Ottawa Co., Que.; crystals of natrolite from Nova Scotia; specimen of enargite from Butte, Montana; specimen of tetrahedrite from Butte, Montana; specimen of gold from the Nova Scotia gold fields, from Prof. J. M. Turnbull.

Collection of rocks and ores from the Ainsworth mining camp, B. C.; collection of rocks and ores from the Cork-Province mine, Kaslo, B. C., from S. J. Schofield.

Collection of rocks and minerals from various localities in Canada. (This collection is contained in a cabinet and is explained by Miller's "Rocks and Rock Minerals," both furnished by the Geological Survey.); collection of fossils from Canada, ranging from the Cambrian to and including the Devonian; collection of minerals used in the blow-pipe laboratory; collection of rocks and minerals from Canada, about a ton in weight, from Department of Mines (Geological Survey Branch).

Collection of rocks and ores from the ore deposits at Granby Bay, from Hidden Creek Copper Co.

Collection of rocks and ores from the Mammie and It claims on Prince of Wales Island, from Granby Mining and Smelting Co.

Collection of rocks and ores from the Le Roi mine, Rossland, B. C., from Consolidated Mining and Smelting Co., Trail, B. C.

Collection of fossils and rocks from the Silurian of Ontario, from Dr. M. Y. Williams, Geological Survey, Ottawa, Ont.

GENERAL INFORMATION.

Degrees.

The University Act gives the University full powers to grant such degrees in the several Faculties and different branches of knowledge as the Senate may from time to time determine. The Act reserves for the University the sole right to confer degrees in this Province, except in Theology.

Courses of Study.

For the session 1916-17 the University offers instruction in the first, second, third, and final years of the Arts Course, leading to the degree of Bachelor of Arts, which will be conferred upon those who successfully complete the course, and in the first, second, and third years of Courses in Applied Science.

A fourth year Course is offered in Chemical Engineering.

The Session.

The University year or session is divided into two terms, the first extending to the Christmas vacation, and the second from the end of the Christmas vacation to the end of the Sessional Examinations in April.

The Session of 1916-17 will begin on Tuesday, September 26th.

A Matriculation Examination will be held, commencing on

Monday, September 18th, and one in June, 1917.

Buildings.

Since there is no accommodation at present on the University site at Point Grey, the work for the coming session will be conducted in buildings on the site of the Vancouver General Hospital. These consist of one large modern fireproof building, containing classrooms and offices, and several commodious frame buildings. These latter include separate buildings for Physics, Chemistry, Geology, and Mining, an Assembly Hall, and Workshops.

Equipment.

Laboratories and complete equipment will be available for thorough courses in the work undertaken during the session. Unrivalled facilities for field-work in Physical Geography, Geology, Mining, and other engineering, and important engineering work in all branches, exist in the immediate vicinity of Vancouver. Climatic conditions will permit class excursions to be made throughout the session.

Student Advisers.

Upon entrance each student is assigned to a member of the Faculty, who acts as his adviser in the matter of studies. Each term the student is requested to consult his adviser concerning the choice of studies.

The special advisers for women students will be glad to give counsel and advice on any matters on which they may be consulted.

Church Attendance.

All students are expected to attend the church of the denomination to which they adhere.

Students are requested to report to the President in writing the churches which they intend to make their places of worship. The reports will be used as the basis for notification to the various churches.

Physical Examination.

In order to promote as far as possible the physical welfare of the student body, every student, on entering the University, will be required to pass a physical examination, to be conducted by, or under the direction of, a recognized medical practitioner.

By such an examination physical defects and weaknesses, amenable to treatment, may be discovered. The student would then be expected to apply to his physician for such remedial measures as his case may require. Those who are examined will also be advised as to the forms of exercise or athletic activities which would likely be beneficial or injurious.

Military Training.

Military training is required of all male students.

Board and Residence.

Good board and lodging can be obtained in the vicinity of the College buildings at a cost of from $20 per month upwards; or, separately, board at $14 to $21 per month; rooms at $6 to $9 per month.

Lists of approved boarding-houses, accessible to the University, the moral and sanitary conditions of which are satisfactory, may be obtained from the Registrar. Requests for these should state whether they are for men or women students.

Men and women students are not permitted to lodge in the same house, unless they are members of the same family, or receive special permission from the Senate.

Opening Date of Session 1916-17.

The Session 1916-17 will open in all Faculties on Tuesday, September 26th, 1916.

Academic Dress.

The Undergraduate's gown shall be black in color and of the ordinary stuff material, Cambridge pattern, sleeves looped. Graduate's gowns the same, without loops, ribbons as in Cam-

bridge B.A. gowns. B.A. hoods shall be of the ordinary black stuff material, lined with blue (University color). College caps black with short tassels. B.A. caps same, with long tassels. Tassels black.

Chancellor's robes scarlet, Oxford D. C. L. pattern, cloth, hood scarlet lined with white swansdown.

President's robes the same.

ADMISSION TO THE UNIVERSITY.

I. ADMISSION BY MATRICULATION EXAMINATION OR ITS EQUIVALENT.

I. REGULATIONS.

All inquiries relating to the examinations should be addressed to the Registrar.

1. A special regulation to govern admission of Matriculation students who have enlisted for overseas service:

A Matriculation student, whose work is certified as up to standard by the Principal of his school, will be allowed to enter the First Year without further examination.

The above conditions shall also govern the advancement of Senior Matriculation students to the Second Year.

2. The regular Matriculation examination will be held in June, and all students resident in the Province must take this examination in full.

A second examination will be held in September, but only for extra-provincial students, and such students resident in the Province as may have been granted the privilege of taking this examination by the Matriculation Board of Examiners.

Students, who obtained partial Matriculation in 1916, will be allowed to complete their examination under the regulations then in force.

3. Every candidate for examination is required to fill up an application form and return the same with the necessary fee (for which see page ??) one month before the examination begins. Blank forms may be obtained from the Registrar.

4. Examinations for Matriculation will be held beginning June 25th, 1917, at all the centres in British Columbia at which high-school examinations are now held, that is to say: Agassiz,

Armstrong, Bridgeport, Chilliwack, Cranbrook, Cumberland, Duncan, Enderby, Fernie, Golden, Grand Forks, Kamloops, Kaslo, Kelowna, Ladner, Ladysmith, Matsqui, Mission, Nanaimo, Nelson, New Westminster, Peachland, Penticton, Point Grey, Alberni, Prince Rupert, Revelstoke, Rossland, Salmon Arm, Summerland, Trail, Vancouver (Britannia, King Edward, and King George), North Vancouver, South Vancouver, Vernon, and Victoria, as well as Abbotsford, Belmont, Cloverdale, Creston, Hedley, Maple Ridge, Merritt, and Sidney, and at any other high school established during the year.

5. Candidates will not be considered as having passed in any subject unless they obtain at least 50 per cent. of the maximum marks in that subject, and in subjects in which two papers are set, at least 40 per cent. on the lowest paper.

This regulation applies also in the case of candidates who present certificates.

6. Candidates for admission to the Faculties of Arts and Applied Science who have failed, by a small margin, to complete the Matriculation requirements, may be allowed to enter the first year as conditioned undergraduates, on the recommendation of the Committee on Admission, Standing and Courses.

This regulation applies also to candidates who seek to satisfy the Matriculation requirements by means of certificates granted by other recognized examining bodies.

7. Matriculation certificates will be issued to candidates who have passed the Entrance Examination conducted by the University, but not to those who have qualified by means of certificates, except when the greater part of the requirements have been satisfied by passing the University examination.

8. The certificates and diplomas named below will, if submitted to the Registrar, be accepted *pro tanto* in lieu of the Matriculation Examination, i.e., in so far as the subjects and standard of the examination taken to obtain them are, to the satisfaction of the Matriculation Board, equivalent to those required for the Matriculation Examination of this University.

Candidates offering certificates which are not a full equivalent will be required to pass the Matriculation Examination in such of the necessary subjects as are not covered thereby.

Intending students who wish to enter by certificates should under no circumstances come to the University without having first obtained from the Registrar a statement of the value of the certificates they hold, as many of these may lack one or more essential subjects, or the work done in a subject may not be adequate, or, again, the percentage gained may not be sufficiently high. (See *Regulation* 5.) *Moreover, it must be remembered that a certificate may admit to one Faculty and not to another. When a diploma or certificate does not show the marks obtained in the several subjects of the examination, it must be accompanied by an official statement containing this information.*

Province of Quebec.

The University School Leaving certificate.
The Model School diploma, under certain conditions.

Province of Ontario.

Certificates of admission to the Normal School and to the Faculty of Education.

Junior and Senior Matriculation certificates.

Province of New Brunswick.

First-class, Superior and Grammar School licences.
Grade XI. and XII. certificates.

Province of Nova Scotia.

The Leaving certificates of Grades XI. and XII.

Province of Prince Edward Island.

First-class Teachers' licences.
Second and Third-year certificates of Prince of Wales College.

Province of British Columbia.

Intermediate and Senior Grade certificates.

Province of Manitoba.

First and Second-class Teachers' certificates.

Provinces of Alberta and Saskatchewan.

The Departmental Examination certificates for Standards VII. and VIII.

Newfoundland.

Associate Grade certificates.

United States.

Certificates granted by the College Entrance Examination Boards, and by the New York State Board of Regents.

Great Britain.

The holder of a Higher Certificate or a School Certificate of the Oxford and Cambridge Schools Examination Board, of the Senior Certificate of the Oxford or Cambridge Board of Examiners, or of a First-class Certificate of the College of Preceptors, or of a Higher Examination Certificate of the Scotch and Welsh Education Departments, is entitled to exemption from the Matriculation *pro tanto*, if the candidate has at one and the same examination passed in certain specified subjects.

Applications for exemption from the Matriculation Examination, based upon certificates of having passed examinations other than those above mentioned, will be considered as occasion may require by the Matriculation Board. Every such application must be accompanied by certificates and full particulars, and should be addressed to the Registrar.

II. MATRICULATION EXAMINATION FEES.

Junior Matriculation.

For the first examination* ..... $ 5.00

(For examination at a local centre where not more than four candidates are writing, the fee will be determined by the Registrar.)

* In the case of candidates who qualify on certificates, or by other examinations in all but three subjects or less, the fee will be $3.

For a subsequent examination in one or two subjects.....$ 2.00
For a subsequent examination in three or more subjects.. 3.00
For examination of certificates, in respect of which candidates are exempted from the whole of the Matriculation Examination 1.00

Senior Matriculation.

For the first examination.....$10.00
For a subsequent examination, per subject..... 2.00

Matriculation Examination fees must be sent to the University Registrar at the time of application for the examination. No application will be accepted unless accompanied by the regular fee.

Certificates will be issued to successful candidates without additional fee.

III. SUBJECTS OF EXAMINATION.

FACULTY OF ARTS.

Junior Matriculation.

(June 1st, 1917.)

The subjects for Junior Matriculation (that is, for entrance into the Faculties of Agriculture and Arts) are as follows:—

1. **English.**
2. **History and Historical Geography.**
3. **Mathematics: Algebra and Arithmetic, Geometry.**
4. **French,** or **German** or **Latin.**
5. **Agriculture,** or **Botany,** or **Chemistry,** or **Greek,** or **Physics,** or one of the languages in 4 not already taken.
6. One of the languages in 4 not already taken, or two of the Sciences in 5 not already taken.

Greek can only be taken by students offering Latin.

The subjects for the Senior Matriculation (that is, for entrance into the Second Year in Arts) are the subjects prescribed for the First Year in Arts. Candidates must furnish

evidence of having passed Junior Matriculation, or its equivalent.

The requirements for Matriculation in Applied Science are the same as for Senior Matriculation. Students who have passed the First Year in Arts are admitted to the First Year in Applied Science without further examination.

REQUIREMENTS IN EACH SUBJECT.

For Junior Matriculation.

English.

A. Composition and Reading.—The principles of English Composition, as in Sykes' Elementary Composition, with a short essay on a general subject and two or three other subjects based on works prescribed for reading as follows: (*a*) Prose (two books to be selected)—Washington Irving, The Sketch Book (ed. Lichfield, Ginn & Co.); Scott, Kenilworth; George Eliot, Silas Marner (ed. Witham, Ginn & Co.); Southey, Life of Nelson (Everyman's Library). (*b*) Poetry (one to be selected)—Shakespeare, As You Like It (Macmillan or Ginn); Tennyson, Gareth and Lynette (Macmillan or Ginn).

The editions are merely recommended, not required.

The books to be selected should be read carefully, but the student's attention should not be so fixed upon details that he fails to appreciate the main purpose and beauty of the work.

Frequent practice in Composition is essential.

B. Literature (for critical study).—Shakespeare, Merchant of Venice; Poems of the Romantic Revival (Copp, Clark Co.), omitting the selections from Coleridge and Byron.

Candidates will be expected to have memorized some of the finest passages.

Two examination papers of two hours each.

Spelling will be tested by the candidate's papers in English. Examiners in other subjects will also take note of misspelled words and will report flagrant cases to the Board.

History and Historical Geography.

(*a*) The essentials of European History, ancient, mediaeval and modern (to the eighteenth century), as presented by Breasted and Robinson in their "Outlines of European History," Part I. (Ginn & Company). Or (*b*) for 1917—"Introduction to World History," by Keatinge and Fraser.

The Geography required will be that relating to the History prescribed.

One paper of two hours.

Mathematics.

1. **Algebra and Arithmetic.**—Algebra: the first thirty-one chapters, and the graphical work of Articles 411 to 428, inclusive, Chapter XLIV. of Hall and Knight's Elementary Algebra, may be taken as indicating what is required. Arithmetic: Vulgar and Decimal Fractions, Square and Cube Root, Commercial Arithmetic, Metric System.

2. **Geometry.**—Parts I., II., III. and IV. of School Geometry, Hall and Stevens.

Two papers of two hours each.

Physics.

The course is designed to give the minimum acquaintance with physical laws, which is needed by students who will not proceed further with scientific studies, as well as to lay the necessary foundation for such courses in other sciences as may be taken in the University. It includes the main principles of mechanics, hydrostatics, heat, light, sound, electricity and magnetism. Simple practical work is essential in connection with formal class work. It is suggested that apparatus for lecture table demonstration and for laboratory work should be the simplest possible, but that a few good instruments capable of giving accurate results, should be provided in the laboratory.

Any standard High School Physics text-book will cover the course. Using the order of development in the Ontario High School Physics (Marchant and Chant), the following principles,

instruments and phenomena should be emphasized:

Relation of English and Metric units; density, the effects of forces in maintaining equilibrium, steady motion, or change of motion; parallelogram of forces; definitions of work, energy and power, with simple examples; centre of gravity; the laws of friction, the principle of work as utilized in simple machines; the hydraulic press; Archimedes' Principle; the weight of the air and the barometer; Boyle's law; the common pump and siphon; surface tension and capillarity; transverse, longitudinal and standing waves; sound waves and their velocity; pitch; intensity and quality of sound; resonance, the general principle and its illustration by a vibrating air column and various instruments; thermometers, expansion caused by heat, specific heat and latent heat; humidity of the atmosphere; artificial methods of lowering temperature; the idea of mechanical conduction, convection and radiation of heat; shadows; equivalent; simple photometry; reflection and refraction as utilized in mirrors and lenses; colour; optical instruments; the eye, the telescope and the microscope; temporary and permanent magnets; the earth as a magnet; charges of static electricity; simple batteries and Ohm's law; electrolysis of water; the making of an electromagnet; and its use in such instruments as an electric bell, telegraph receiver, ammeter or voltmeter; the production of currents of electricity by induction; illustrated by the dynamo, the telephone and the induction coil. It is desirable that the passage of electricity through gases should be demonstrated on the lecture table.

One paper of two hours.

Latin.

Texts.—(*a*) Caesar, De Bello Gallico, Book IV., Chapters 20-38, and Book V., Chapters 1-23; and Virgil Aeneid II., 1-505.

Grammar.—Knowledge of Grammar will be tested by translation and composition, and by grammatical questions based on the specified texts.

Translation at sight from Latin into English.

Composition.—Translation into Latin of detached English sentences and easy narrative based on the prescribed texts.

Two papers of two hours each; one on Composition and Grammar, the other on prescribed texts and translation at sight.

Note.—The Roman method of pronouncing Latin is recommended.

The examination in Grammar will be especially concerned with the regular forms of the noun and verb.

The paper in Composition will include, in addition to the rendering of sentences not previously seen by the candidate, the reproduction of sentences from Macnaghten's Phrase Book—in the latter part absolute accuracy will be demanded.

Greek.

Philpotts and Jerram, Easy Selections from Xenophon, Chapters 3, 4, 5; Homer, Iliad, lines 1 to 350.

Grammar.—Knowledge of Grammar will be tested by translation and composition, and by grammatical questions based on the specified texts.

Translation at sight from Greek into English.

Two papers of two hours each; one on the prescribed texts, the other on translation at sight, accidence and syntax.

French.

Grammar.—Candidates will not be required to state in writing grammatical rules or to reproduce tables of verbs, regular or irregular. They will be expected to have a thorough *practical* knowledge of French accidence and of such points of syntax as are of frequent occurrence in ordinary prose style.

This knowledge will be tested by asking candidates to modify sentences given, to fill in words necessary to complete sentences, or to change infinitive to the tense required by the context. They may be asked to form sentences from elements given.

The book recommended is Siepmann's Primary French Course, Part II. (Macmillan Co., Canada).

Translation at sight into English of a French passage of moderate difficulty, dealing with French life, trades, industries, history, travel. A knowledge of useful words is required.

Translation of English into French of detached sentences—chiefly common idioms (not rare idioms and little used proverbs) and an easy English passage. The latter may be a dialogue. It will be selected with a view to testing the candidate's knowledge of French, not of grammatical exceptions.

The book recommended is: Weil et Chenin, Contes et recits de XIX° siecle, Paris (Larousse). (The stories beginning on pages 15, 26, 29, 30, 34, 43, 49, 54, 103, 115, 141, 214, 224, 235, 241, 252, 265.

Two papers of two hours each.

German.

Reading and speaking.

Candidates will be expected to have a fair knowledge of German sounds and pronunciation. They must be able to read with ease German prose or verse of ordinary difficulty and to correctly answer in German simple questions based on the reading prescribed.

Grammar.—They will be expected to have a thorough *practical* knowledge of German accidence and of such points of syntax as are of frequent occurrence in ordinary prose style.

This knowledge will be tested by asking them to modify sentences given, to fill in words necessary to complete sentences, or to change uninflected words to forms required by context, etc.

(*a*) **Translation** at sight into English of a German passage of moderate difficulty, dealing with German life, ways and customs. A knowledge of useful words will be required.

(*b*) **Translation** into German of detached English sentences and of an easy English passage. A knowledge of simple idiomatic and colloquial German expressions will be required.

Books recommended: (*a*) Siepmann, A Public School Ger-

man Primer (Macmillan edition, 1915); (*b*) Rippmann, Exercises in German Grammar and Word Formation (Dent); (*c*) Allen, German Life (Holt); (*d*) Goebel, Rubezahl (Macmillan).

N. B.—Teachers should insist upon correct pronunciation, and use the language as much as possible in class instruction.

Two papers of two hours each.

Chemistry.

As in Waddell's A School Chemistry (Macmillan).

One two-hour paper.

Botany.

The Plant as a Whole.

A detailed study of the structure and the functions of the principal parts of a common plant; root, stem, leaves, flower and fruit. A comparative study of representative plants of the more important orders, including the following:—

Ranunculaceae, Rosaceae, Compositae, Saxifragaceae, Leguminosae, Liliaceae, Coniferae, Gramineae.

The Root.—Different forms of roots and their functions, duration, branching, root-cap, region of growth, facilities for the storage of food materials, methods of propagation and experiment to illustrate influence of light, moisture, root pressure, and osmosis.

The Stem.—Structure, duration and function of different types of monocotyledons and dicotyledons; habit of growth, causes of strength, nodes and internodes; comparison with roots, methods of propagation, structure of buds, and experiments to illustrate the conduction of cell sap, heliotropism and adaptation of form to habit.

The Leaf.—Form, structure, arrangement and function of leaves; parts, position, colour, venation; experiments to illustrate transpiration, respiration, starch formation and the relation of leaves to sunlight.

The Flower.—Form, structure, function and relation of the

various parts, types of efflorescence; flowers as the basis of classification; pollination and fertilization.

The Seed.—Form markings, structure, parts and functions of representative seeds of monocotyledons, discotyledons and gymnosperms; experiments illustrating the conditions necessary for germination and growth; study of seedlings from the above; pot culture work to emphasize the influence of tilth, moisture, aeration, drainage and fertilizers on plant life.

Trees.—Identification by leaves, bark and wood of our forest and orchard trees of greatest economic importance.

Weeds.—Identification by means of the flora of the more common forms of wayside, garden and field weeds; methods of propagation and means of control.

Fungi.—Identification and manner of growth of such saprophytic forms as mushrooms and puffball, and of such parasitic forms as wheat rust, oat smut, potato scab, black knot, and lilac mildew.

Ferns.—Forms, structure and habits of a common fern.

Plant Societies. — General study of conditions governing plant growth, with special reference to typical plant societies in this Province.

Economic Products.—Summary of economic uses of plants studied.

Review. — Comparative study of the distinguishing characteristics of the larger groups of plants studied.

Collection.—A collection of flowering plants, both wild and cultivated, should be made during the first year. During the second year this collection should be enlarged to include twenty flowering plants, ten weeds, ten grasses and clovers, ten economic woods and ten specimens of fungi.

One paper of two hours.

Agriculture.

Soil Studies.—Origin and classification; water, air and bacteria in soil; drainage; drainage surveys; physical analysis; composition; plant foods; humus and fertilizers.

Soil Management.—Tillage, manuring and rotation of crops; humid and dry farming.

Vegetable Gardening.—Hot beds and cold frames; their preparation and use; selection of garden seeds; choice of varieties; cultural methods.

Small Fruits.—Origin and evolution; soil and cultural requirements; picking and marketing.

Landscape Gardening. — Plans for beautifying home and school grounds; making and care of lawns, walks and flower beds; best adapted ornamental trees, shrubs and flowering plants.

Orcharding.—Origin, history and adaptability of standard varieties; location, planting and management; harvesting and marketing.

Insect Study.—Identification and life history of field, garden and orchard insects; remedial measures.

Field Crops.—Selection, cultivation, harvesting and disposition.

Live Stock.—Necessity of live stock in good farming; history, adaptability and management of the principal classes.

Poultry.—Breeds, housing, feeding and management.

Rural Economics.—Laws relating to agriculture; agricultural organization; co-operative associations; the country life movement.

One paper of two hours.

SENIOR MATRICULATION.

The subjects for Senior Matriculation are as follows:—

1. **English and History.**
2. **Mathematics (Algebra, Geometry and Trigonometry).**

3. **Physics.**

4. Two of the following: **Chemistry, French, German, Greek, Latin.**

REQUIREMENTS IN EACH SUBJECT.

English.

1. **Literature.**—Hallock's History of English Literature, New Edition (American Book Company), pages 1-261, with such illustration as time will permit, and the following readings: Chaucer's "Prologue" to the Canterbury Tales; Spencer's "Faerie Queene," Book I.; Milton's "Comus" (Macmillan's Pocket Classics).

One paper of three hours.

2. Regular practice in Composition is essential.

History.

Continuation of work prescribed for Junior Matriculation. The evolution of modern European society during the last two centuries as interpreted by Robinson and Beard in their "Outlines of European History," Part II. (Ginn & Company).

One paper of three hours.

Mathematics.

Plane and Solid Geometry.—As in Hall & Stevens' School Geometry.

One paper of three hours.

Algebra.—Hall & Knight's Elementary Algebra (omitting chapters 40, 41, 42), or the same subject matter in similar textbooks.

One paper of three hours.

Trigonometry.—Hall & Knight's Elementary Trigonometry to page 210, and Chap. 19; nature and use of logarithms (Bottomley's four-figure tables).

One paper of three hours.

Physics.

As in Physics I. (page 83).

Text-books: Ontario High School Physics and Laboratory Manual.

One written paper of three hours and practical examination.

Chemistry.

As in Chemistry I. (page 66).

Text-book: General Chemistry for Colleges (Alexander Smith, Century Co.).

One written paper of three hours and practical examination.

French.

As in French I. (page 78).

Two papers of three hours each.

German.

As in German I. (page 80).

1. **Texts.**—Benedix, Nein (Heath); Moser, Der Bibliothekar (Ginn); Riehl, Der Fluch der Schonheit (new edit., Holt); Freytag, Die Journalisten (Ginn).

2. **Grammar and Composition.**—Pope, Writing and Speaking German (Holt).

Two papers of three hours each.

Greek.

As in Greek I. (page 69).

Authors.—Thucydides, Rise of the Athenian Empire (Colson, Macmillan); Euripides Bacchae (Gwyther, Bell's Illustrated Classics).

Composition.—North & Hillard.

History.—Athenian Empire (Cox, Epoch Series, Longmans).

Two papers of three hours each.

Latin.

As in Latin I. (page 70), except "Advanced Section."

Authors.—Caesar and Pompey in Greece (Atherton, Ginn & Co.); Virgil, Aeneid IX. (Haigh, Clarendon Press); Horace, Odes (Wickham, Clarendon Press).

Composition.—Latin Composition (Mitchell, Macmillan's Canadian School Series).

Roman History.—Outlines to 133 B.C. Book recommended: Botsford, History of Rome (Macmillan), Chaps. I. to VI.

Two papers of three hours each.

II. ADMISSION TO ADVANCED STANDING.

A student of another university applying for exemption from any subject or subjects which he has already studied is required to submit with his application a Calendar of the University in which he has previously studied, together with a complete statement of the course he has followed and a certificate of the standing gained therein.

The Faculty, if otherwise satisfied, will decide what examination, if any, or what other conditions may be necessary before admitting the candidate.

III. AGE OF ADMISSION.

Except under special circumstances, no student under the age of sixteen is admitted to the First-Year Courses in Arts or Applied Science, or under the age of seventeen to the Second Year.

REGISTRATION AND ATTENDANCE.

I. Registration.

Application for Admission.

Those who intend to register as students of the University for the Session 1916-17, *are required to make application to the Registrar*

at least two weeks before the beginning of lectures, on forms to be obtained from the Registrar's office.

Between September 18th and September 22nd, both dates inclusive, students may register for the Session 1916-17 at the office of the Registrar. Friday, September 22nd, will be the last day of registration for all students. Lectures will commence on Tuesday, September 26th. The complete regulations regarding registration follow:—

1. Candidates entering on a course of study in any Faculty, whether as undergraduates, conditioned students, or partial students, are required to attend at the office of the Registrar, some time during the week preceding the opening day of the Session, in order to furnish the information necessary for the University records, to register for the particular classes which they wish to attend, and to sign the following declaration:—

"I hereby accept and submit myself to the statutes, rules, regulations, and ordinances of the University of British Columbia, and of the Faculty or Faculties in which I am registered, and to any amendments thereto which may be made while I am a student of the University, and I promise to observe the same."

2. Students who for any reason have failed to register within the time specified above, will be permitted to do so within a limited time thereafter, but only on payment of a fee of $2 for late registration.

3. The Registrar is empowered to register all students whose records show that they are entitled to attend the classes applied for. To enable him to determine this, new students must present certificates at time of registration. All doubtful cases shall be dealt with by the Faculty.

4. The names of those who have registered for separate classes shall be sent by the Registrar to the Instructors on registration day and subsequently, as new names are received, and only those for whom cards have been received by an Instructor shall be admitted to his class; except in the case of students whose standing cannot be determined at the time of registration. To

these special tickets will be issued, which will give them the right of admission to classes until such time as their status is ascertained.

5. Students desiring to make a change in their choice of studies must make application to the Registrar. This application must be approved by the Committee on Courses, whereupon due notice will be sent by the Registrar to all parties concerned. No change in registration will be allowed, except under special circumstances, after the fifteenth day of the Session.

6. Persons who wish to pursue courses in the University without a view to qualifying for a degree, shall be classified as partial students and shall not be admitted to any course until they have obtained the permission of the Instructor concerned. Their application must then be approved by the Committee.

7. In the Faculty of Arts, where there is a choice of courses, students in attendance shall be required to choose their electives for the next year before the close of the preceding Session, or (in cases where this cannot be done) not later than one week before the opening of the Session.

II. Attendance.

1. Students are required to attend at least seven-eighths of the total number of lectures in each course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course, shall not be permitted to come up for the examination in that course, but may sit for supplemental examination; those, however, whose unexcused absences exceed one-fourth of the total number of lectures in any course, must repeat the work in that course.

Excuses on the ground of illness or domestic affliction shall be dealt with only by the Dean. *Medical certificates must be presented immediately on return to University work.*

2. A record shall be kept by each professor or lecturer, in which the presence or absence of students shall be carefully noted. This record shall be submitted to the Faculty when required.

3. Credit for attendance on any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class-room or laboratory.

4. The following special regulations with regard to marking the attendance of students have been adopted:—

Lectures will commence on the hour, or at the conclusion of the roll-call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Instructor. If permitted to enter, they will, on reporting themselves at the close of the lecture, be marked "late." Two "lates" will count as one absence. Lectures end at five minutes before the hour.

CLASSES OF STUDENTS.

There are three classes of students:—

(1.) Undergraduates — Students who have passed the Matriculation Examination and, in the case of second and third-year students, all the examinations of their course in the years below that in which they are registered.

(2.) Conditioned Undergraduates—those with defective entrance qualifications or who have failed in one or more of the subjects of their course in the year previous to that in which they are registered.

(3.) Partial Students—comprising all those who, not belonging to one of the above classes, are taking a partial course of study. Except as provided below, such students may (subject to the approval of the Head of the Department, and the Committee on Courses) attend any class without previous examination.

In order to obtain admission to the First-year class in French, intending students must have passed the University Matriculation Examination, or an equivalent examination, in that subject.

FEES.

General Regulations.

1. Fees shall be paid to the Registrar in two payments on or before October 6th and January 15th. After these dates an additional fee of $2 will be exacted of all students in default.

2. Immediately after October 16th the Registrar shall send to the Instructors a list of the students applying for a course who have not paid their fees, on receipt of which their names shall be struck from the registers of attendance, and such students cannot be readmitted to any class except on presentation of a special ticket, signed by the Registrar, certifying to the payment of fees.

Students registering after October 6th shall pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 2.

The Sessional Fees are:—

Registration	$10.00
Alma Mater	2.00
Caution	5.00

All students are required to pay a registration fee annually of $10.00.

At the request of the students themselves, and by the authority of the Board of Governors of the University, $2.00 additional will be exacted from all students for the Alma Mater Society.

A deposit of $5.00 as caution-money is required from each student. The deposit is returned at the end of the Session, after deductions have been made to cover breakages, wastage, and use of special materials in laboratories, etc. In case the balance of the deposit remaining to the credit of a student falls below $1.50, a second deposit of $5.00 may be required.

Special Fees are:—

A regular Supplemental Examination in any course, or part of a course in which separate examinations are held	$ 5.00
Graduation Fee	20.00

PRIZES, MEDALS, AND SCHOLARSHIPS.

1. General Proficiency Scholarships are open to candidates in both the Faculties of Arts and Applied Science.

2. No scholarship, medal, or prize will be awarded to any candidate who has failed to take 75 per cent. of the marks obtainable in the subject or subjects to which the award is attached.

3. No candidate will be permitted to hold more than one scholarship, but any one who would but for this provision have been entitled to a second scholarship, will have his name published in the lists.

4. When the scholarship cannot be awarded for this reason to the candidate obtaining the highest number of marks, it will be granted to the candidate ranking second, provided the requisite number of marks has been obtained.

5. All winners of scholarships must sign a declaration of intention to proceed to a degree in this University, and must attend lectures for the academic year immediately following the award. The Faculties may, upon satisfactory reasons being shown, permit a scholar to postpone attendance for a year. If at the end of a year a further postponement is necessary, special application must again be made. In every such case the payment of scholarship will be postponed in like manner.

6. The scholarships will be paid in three instalments during the Session following their award, on the 15th of November, the 15th of January, and the 15th of March, and each scholar is required to send to the Registrar a certificate of attendance upon lectures at least three days before the date of each payment.

7. Scholarships, medals, and prizes will be awarded at the close of the Session, and in case of Matriculation Examinations, after the June examination.

For 1917 the following scholarships, prizes, and medals will be offered:—

Royal Institution for the Advancement of Learning of British Columbia Scholarships and Loans.

(a.) Junior Matriculation Scholarships.

Seven General Proficiency Scholarships will be awarded on the result of the Junior Matriculation Examinations, 1917.

A. One of $150 to be awarded to the British Columbia candidate for matriculation who obtains the highest standing.

B. Six of $100 each, one for each of the following districts, to be awarded to the candidate from each of such districts who obtains the highest standing among the candidates from the district:—

(1.) Victoria District.
(2.) Vancouver Island (exclusive of Victoria District) and Northern Mainland.
(3.) Vancouver District.
(4.) Fraser Delta (exclusive of Vancouver District, but including Agassiz).
(5.) Yale.
(6.) Kootenays.

NOTE.—*In the district from which the winner of A comes, B will be awarded to the candidate standing second.*

(b.) First-Year Scholarships.

Four scholarships of $75 each will be awarded for general proficiency in the work of the First Year.

(c.) Student Loans.

A fund is provided from which a loan not to exceed $100 may be made to a deserving student who is in need of pecuniary assistance. Application for such a loan will be addressed to the President on a form which will be supplied by the Registrar.

University Scholarships, Etc.

1. A Fellowship of the value of $200 may be awarded to a

graduate student who shows special aptitude for post-gaduate studies.

2. Two Scholarships in Arts of $75 each will be awarded to students proceeding to the Fourth Year, the award to be based on the work of the Third Year.

3. Three scholarships (two in Arts and one in Applied Science) of $75 each will be awarded to students proceeding to the Third Year, the award to be based on the work of the Second Year.

4. The scholarships mentioned in the above sections will be awarded for general proficiency in the work of the respective years.

5. The following prizes will be offered for competition to the students standing next in proficiency to winners of scholarships in their respective years:—

Fourth Year, Arts—Two prizes of $25 each.
Third Year, Arts—Two prizes; first, $25; second, $15.
Second Year, Arts—Three prizes; first, $25; second, $20; third, $15.
First Year, Arts—Two prizes; first, $15; second, $10.
Third Year, Applied Science—One prize, $25.
Second Year, Applied Science—Two prizes; first, $25; second, $15.
First Year, Applied Science—One prize of $15.

The Governor-General's Medal.

A Gold Medal, presented by His Royal Highness the Governor-General of Canada, will be awarded to the Arts Student standing at the head of the graduating class.

The Rhodes Scholarship.

In addition to the above scholarships, the University will award the Rhodes Scholarship, assigned by the trustees of the late Mr. Cecil J. Rhodes, to the Province of British Columbia.

The following are excerpts from the regulations laid down by the trustees:—

The election of scholars in Canada under the Rhodes bequest will take place each year during the month of January. The scholars will begin residence at Oxford in October of the year for which they are elected.

Each scholarship is tenable for three years, and is of the value of £300 per annum.

Candidates shall be British subjects and unmarried. They must have passed their nineteenth but not their twenty-fifth birthday on October 1st of the year for which they are elected.

An elected scholar must have reached at least the end of his sophomore or second year's work at some recognized degree-granting university or college of Canada.

Candidates may elect whether they will apply for the scholarship of the Province in which they have acquired any considerable part of their educational qualification, or that of the Province in which they have their ordinary domicile, home, or residence. They must be prepared to present themselves for examination or election in the Province they select. No candidate may compete in more than one Province, either in the same or in successive years.

Only candidates who have passed an equivalent to the Oxford Responsions Examination, or those who are exempted from Responsions by the Colonial Universities' Statute, are eligible for election.

In accordance with the wish of Mr. Rhodes, the trustees desire that "in the election of a student to a scholarship regard shall be had to (i.) his literary and scholastic attainments; (ii.) his fondness for and success in manly outdoor sports, such as cricket, football, and the like; (iii.) his qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindliness, unselfishness, and fellowship; and (iv.) his exhibition during school-days of moral force of character and of instincts to lead and to take an interest in his schoolmates." Mr. Rhodes suggested that (ii.) and (iii.) should be decided in any school or college by the votes of fellow-students, and (iv.)

by the head of the school or college.

Additional information will be furnished to intending candidates on application to the President of the University.

The Committee by whom the Rhodes scholar is elected is at present constituted as follows:—

President Wesbrook; Dean Klinck; Prof. G. E. Robinson (Registrar); Dr. Alexander Robinson (Superintendent of Education); and Chief Justice Hunter.

INFORMATION FOR STUDENTS IN ARTS.

Courses Leading to the Degree of B.A.

The degree of B.A. is granted only after four sessions of class-room work from Junior Matriculation. Students who enter with Senior Matriculation may complete their course in three years.

A double course leading to the degrees of B.A. and B.Sc. (Applied Science) is offered. Information regarding this course may be obtained from the Registrar.

The curriculum as laid down in the following pages may be changed from time to time as deemed advisable by the Faculty.

First Year.

I. English 1, 2.
II. History 1.
III. Mathematics 1.
IV. Physics 1.
V., VI. Two of the following: Chemistry 1, French 1, German 1, Greek 1, Latin 1.

Second Year.

I. English 3, 4.
II. French 2, or German 2, or Greek 2, or Latin 2.
The language must have been taken in the First Year.
III. Any two of the following:—
Another language from II. if taken in the First Year.

A language from group V., VI. of the First Year (in which a pass mark of 60 per cent. is required).
Chemistry 1 or 2 or 3. Geology 1 and 2.
History 2, and Economics 1. Mathematics 2.
Philosophy 1. Physics 2. Biology 1.

THIRD AND FOURTH YEARS.

All students are strongly advised to select, before the end of March in their Second Year, the subjects to which they wish to give special attention during their Third and Fourth Years. The heads of the departments concerned will be glad to advise them as to the further subjects to be taken with a view to arranging a well-balanced course.

In the Third and Fourth Years students are required to take at least fifteen units per week.

One full subject taken in the Third Year must be continued in the Fourth Year.

Agriculture	1½	Units
Bacteriology	2	"
Biology 1	3	"
Chemisty 2	3	"
" 3	3	"
" 4	1	"
" 5	3	"
" 6	2	"
" 7	3	"
" 8	1	"
Greek 1	3	"
" 2	3	"
" 3	4	"
Latin 3	4	"
" 4	4	"
English 5	2	"
" 6	2	"
" *7	1	"
" 8	3	"

Geology 1 and 2	3	Units
" 3	3	"
" 4	4	"
History 3	2	"
" 4	4	"
Economics 1	2	"
" 2	2	"
" 3	2	"
" 4	2	"
Mathematics 3	4	"
" 4	4	"
Minoralogy 1	3	"
" 2	1½	"
French 1	3	"
" 2	3	"
" 3	4	"
" 4	4	"
German 1	3	"
" 2	3	"
" 3	4	"
Philosophy 2	4	"
Spanish 1	3	"
Physics 2	3	"
" 3	4	"
" 4	4	"

No credit will be given for a First Year language taken in the Third Year unless it is continued in the Fourth Year.

* *This course must be taken by all students of the Third Year.*

EXAMINATIONS IN ARTS.

1. There are two examinations in each year—viz., at Christmas and at the end of the Session. Successful students are arranged in three classes at the Sessional Examinations. Those who obtain 75 per cent. and over are placed in the first class, those who have between 60 and 75 per cent. in the second class, and those with from 50 to 60 per cent. in the third class.

Christmas Examinations will be held in all subjects, and are obligatory on all undergraduates, and also on all partial students, unless they have been specially exempted. Partial students of the First Year who fail in the Christmas Examinations will not be allowed to continue their course, except under special circumstances and with the consent of the Faculty.

Students failing in more than two subjects at the Christmas Examinations will be required to discontinue attendance for the remainder of the Sesion.

Any student whose record is found to be unsatisfactory may at any time be required to withdraw from the University.

2. The following are the regulations for advancement to the Second, Third, and Fourth Years of the undergraduate course:—

Advancement to the Second Year.— In order that a student may proceed to the Second Year of his course, he must have completed his Matriculation, and have passed in all, or all but one, of the subjects of the preceding year.

Advancement to the Third Year.— In order that a student may proced to the Third Year, he must have completed his First, and have passed in all, or all but one, of the subjects of the preceding year.

Advancement to the Fourth Year.— In order that a student may proceed to the Fourth Year, he must have completed all the subjects of the preceding years.

N. B.—A conditioned student will not be allowed to continue the subject in which he is conditioned, unless it is a compulsory subject.

Repeating Year.— By special permission of the Faculty, a student who is required to repeat his year may, on application in writing,—

(*a*) Be exempted from attending lectures and passing examinations in the subjects in which he has already passed;

(*b*) Be permitted to take, in addition to the subjects in which he has failed, one of the subjects of the following year of his course.

3. Examinations supplemental to the Sessional Examinations will be held in September, simultaneously with the Matriculation Examinations. The time for each Supplemental Examination will be fixed by the Faculty; the examination will not be granted at any other time, except by special permission of the Faculty, and on payment of a fee of $7.50.

4. A list of those to whom the Faculty has granted Supplemental Examinations in the following September will be published after the Sessional Examinations.

5. **Applications for Supplemental Examinations,** accompanied by the necessary fees, should be in the hands of the Registrar at least two weeks before the date set for the examinations.

COURSES IN ARTS.

Department of Agriculture.

Professor—Leonard S. Klinck, M.S.A.

THE SCIENTIFIC BASIS OF AGRICULTURE.

This course has been designed to familiarize the student with the basic principles underlying scientific agriculture.

Three lectures a week during the Fall Term.

Bacteriology.

The President.

A course of General Bacteriology, consisting of lectures, demonstrations, and practical laboratory work.

The history of bacteriology, the place of bacteria in nature, the classification of bacterial forms, methods of culture and isolation, and various bactericidal substances and conditions will be studied.

Seven hours a week, including laboratory work, during the Second Term.

Department of Biology.

Assistant Professor—A. H. Hutchinson, M.A., Ph.D.

A course in General Biology.

The course is introductory to more advanced work in Botany or Zoology; also to courses closely related to Biological Science, such as Agriculture, Forestry, Medicine.

The fundamental principles of Biology; general comparative anatomy; the basis of classification; life histories; relation to environment; the physiology of plants and animals.

Six hours per week. Lectures and laboratory work.

Department of Chemistry.

Professor—D. McIntosh, M.A., D.Sc., F.R.S.C.
Assistant Professor—E. H. Archibald, M.A., Ph.D., F.R.S.E.
Assistant Professor—R. H. Clark, M.A., Ph.D.

1. **General Chemistry.**—This course is arranged to give a full exposition of the general principles involved in modern Chemistry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds, and the application of Chemistry in technology.

Book recommended: General Chemistry for Colleges (Alexander Smith; Century Co.).

Three lectures and two laboratory periods of two hours each a week.

2. **Qualitative and Quantitative Analysis.**

(*a*) **Qualitative Analysis.**—A course consisting of one hour of lecture or recitation and six hours of laboratory work each week throughout the First Term. During the first six weeks of the term an additional hour of lecture or recitation may be substituted for a part of the laboratory work.

(*b*) **Quantitative Analysis.**—A course consisting of one hour

of lecture or recitation and six hours of laboratory work each week throughout the Second Term. The course embraces the more important methods of gravimetric and volumetric analysis.

Course (*b*) must be preceded by Course (*a*).

Books recommended: Noyes' Qualitative Analysis; Cumming & Kay's Quantitative Analysis.

3. **Organic Chemistry.**—This introduction to the study of the compounds of carbon will include the methods of preparation and a description of the properties of the more important groups and compounds in both the fatty and the aromatic series. Two lectures and one laboratory period of three hours weekly.

(3) will only be given to those students taking (2), or those who have had the equivalent of (2).

Books recommended: Remsen's Organic Chemistry; Orndorff's Laboratory Manual.

4. **Theoretical Chemistry.**—An introductory course on the development of modern Chemistry, including osmotic phenomena, the ionization theory, the law of mass action, and the phase rule.

Two lectures a week during the Second Term.

Text-book: James Walker, Introduction to Physical Chemistry.

5. **Advanced Qualitative and Quantitative Analysis.**

(*a*) **Qualitative Analysis.**—One lecture and six hours in the laboratory throughout the First Term. The work of this course will include the detection and separation of the less common metals, particularly those that are important industrially, together with the analysis of somewhat complex substances occurring naturally.

(*b*) **Quantitative Analysis.**—One lecture and six hours laboratory work per week during the Second Term. The determinations made will include the more difficult estimations in the analysis of rocks, as well as certain constituents of steel and alloys.

The principles on which analytical chemistry is based will receive a more minute consideration than was possible in the elementary course.

Prerequisite (2.)

6. **Industrial Chemistry.**—Two hours of lectures per week throughout the year. These industries which are dependent on the facts and principles of chemistry will be considered in as much detail as time will permit. The lectures will be supplemented by visits to manufacturing establishments in the neighbourhood, and it is hoped that some lectures will be given by specialists in their respective fields.

Prerequisites: (2) and (3).

7. **Physical Chemistry.**—The lectures, which are a continuation of those given in (4), include the kinetic theory of gases, thermo-chemistry, the application of the principles of thermodynamics to chemistry, osmotic phenomena, applications of the dissociation theory, colloidal solutions, and a study of the physical properties of gases, liquids and solids and of their chemical constitutions.

Two lectures and one laboratory period of three hours weekly throughout the year. Prerequisites: (2), (3) and (4).

Text-books: Bigelow, Physical Chemistry; Findlay, Physico-Chemical Measurements.

For reference: Ramsay's Series of Books on Physical Chemistry.

8. **Applied Electro-Chemistry.**—Solutions are studied from the standpoint of the osmotic and the dissociation theories. The laws of electrolysis, electro-plating, primary and secondary batteries, and the preparation of the elements and compounds by electrolytic methods and in the electric furnace are studied.

Two lectures weekly during the First Term.

For reference: Le Blanc, Elements of Electro-Chemistry; Thompson, Applied Electro-Chemistry; and Stanfield, The Electric Furnace.

Department of Classics.

Associate Professor—Lemuel F. Robertson, M.A.
Associate Professor—S. J. Willis, B.A.
Assistant Professor—R. E. Macnaghten, M.A.
Instructor—H. T. Logan, B.A. (on overseas service).

Greek.

All students taking a Greek course are recommended to provide themselves with Allen's Elementary Greek Grammar; Liddell & Scott's Greek Lexicon (abridged); Classical Atlas (Everyman's Library); Smith's Smaller Classical Dictionary (Everyman's Library).

1. **Lectures.**—Thucydides, Rise of the Athenian Empire (Colson, Macmillan); Euripides, Bacchae (Gwyther-Bell's Illustrated Classics).

Composition: North and Hillard.
History: Athenian Empire (Cox, Epoch Series, Longmans).
Four hours a week.

2. **Lectures.**—Plato Crito (Adam Pitt Press Series); Sophocles, Ajax (Jobb, Longmans).

Composition (North and Hillard): Selected passages will occasionally be set for Unseen Translation.

Hisory: Spartan and Theban Supremacies (Sankey, Epoch Series, Longmans).

Four hours a week.

3. **Lectures.**—Thucydides, Book VI. (Marchant and Macmillan); Euripides, Iphigeneia in Aulis (Headlam, Pitt Press); Aristophanes, Birds (Green, Pitt Press).

History: Bury's Greek History (Second Edition, 1913), Chapters XII.-XVII.

Composition: Passages to be selected.

Latin.

All students taking Latin are expected to provide themselves

with a grammar, a Latin-English dictionary, a classical dictionary and an atlas of Ancient Geography. The following are recommended: New Latin Grammar, by Sonnenschein (Clarendon Press, 1912. N. B.—Note the exact title); Lewis' School Dictionary, or White's Junior Students' Latin-English Dictionary; "Everyman's" Classical Atlas (Dent); Smith's Smaller Classical Dictionary ("Everyman's" Library, Dent).

1. **Lectures.** — Caesar and Pompey in Greece (Atherton, Ginn & Co.); Virgil, Aeneid IX. (Haigh, Clarendon Press); Horace, Odes (Wickham, Clarendon Press).

Composition: Latin Composition (Mitchell, Macmillan's Canadian School Series).

Roman History: Outlines to 133 B. C.

Book recommended: Botsford, History of Rome (Macmillan), Chapters I.-VI.

Four hours a week.

Advanced Section: Cicero, De Senectute (Reid, Pitt Press). Prose and Unseen Translation.

Two hours a week.

2. **Lectures.**—Cicero, In Catilinam I., II. (Wilkins, Macmillan); Horace, Odes II., III. (Page, Macmillan).

Composition: Easy Latin Prose Exercises (Heatley, Longmans).

History: Roman History, Outlines from 133 B. C. to 337 A. D. Book recommended: Botsford, History of Rome (Macmillan), Chapters VII. to XII.

Four hours a week.

Advanced Section, as in First Year.

3. **Lectures.**—Cicero, Selected Letters (Pritchard and Bernard, Cambridge Press); Catullus (Simpson, Macmillan); Horace, Epistles Book I. (Wilkins, Macmillan).

History: Roman Empire (Stuart Jones), Story of the Nations Series.

Composition: Latin Prose based on Caesar (Bryans, Macmillan).

Translation at Sight: Dalton's Latin Translation for Public School Scholarships (Macmillan).

Four hours a week.

4. **Lectures.**—Aeneid I.-XII. (Sidgwick, Pitt Press). Students taking this course will read, either in private or under the direction of the lecturer, works by Sellar, Myers, Conington, Gaston Boissier, and others, bearing upon the texts read.

Department of Economics.

Assistant Professor—Theodore H. Boggs, M.A., Ph.D.

Economics.

1. Principles of Economics.—An introductory study of general economic theory and of certain branches of applied economics, including tariffs, trusts and taxation.

2. Labor problems and serial reform, the evolution of trade unionism, etc.

3. Economics of the Empire; industries, commerce and tariffs of Britain and the Dominions.

4. Modern economics and history.

Department of English.

Assistant Professor—J. K. Henry, B.A.

Instructor—F. G. C. Wood, M.A.

1. **Literature.**—Halleck's History of English Literature, new edition (American Book Company), pages 1-261, with such illustrations as time will permit, and the following readings:—

Chaucer's "Prologue" to the Canterbury Tales; Spenser's "Faerie Queene," Book I.; Milton's Comus (Macmillan's Pocket Classics).

Two hours a week.

2. **Composition.** — Fundamental principles; fortnightly

essays, which will be taken into consideration in determining the standing of students at the end of the term.

One hour a week.

3. **Literature.**—The Romantic Movement of the Eighteenth and Nineteenth Centuries in Prose and Poetry; Victorian Literature.

Texts: (*a*) Poetry, Ward's English Poets, Vols. 3 and 4 (Macmillan's Students' Edition). (*b*) Prose (Everyman's Library mostly); Lamb's "Essays of Elia"; Hazlitt, "The Prize Fight"; "People of One Idea"; "On Sitting for One's Picture"; and "Will-Making"; De Quincey's "Confessions"; Landor's "Imaginary Conversations" (a few selections); Carlyle's "Sartor Resartus"; Borrow's "Lavengro"; Ruskin, portions of "Modern Painters" and "Munera Pulveris"; Macaulay's "Essay on History"; George Eliot's "Adam Bede"; Stevenson's "Virginibus Puerisque."

Three hours a week.

4. **Composition.** — Principles of Narration, Description, Exposition and Argumentation. Fortnightly essays will be required, and will be taken into consideration in determining the standing of students.

One hour a week.

5. **The Drama.**—The course begins with a short study of one or two of the plays of Sophocles and an outline and development of Aristotle's dramatic criticisms, but deals mainly with the rise and development of the Elizabethan Drama, Liturgical, Miracle, and Morality Plays; Interludes; Influence of the Roman Stage; Shakespeare's predecessors — Lyly, Kyd, Green, Peele, Marlowe; Shakespeare's "Love's Labour's Lost"; "A Midsummer Night's Dream"; "Romeo and Juliet"; "Henry V."; "Macbeth," and "The Tempest."

Texts (Everyman's Library): The Plays of Sophocles; Everyman; Minor Elizabethan Dramatists (two vols.); Marlowe's Plays; the Shakespearean Plays may be read in any cheap

annotated edition, such as Macmillan's Pocket Classics.

Two hours a week.

6. **Tennyson and Browning**—Representative Thinkers of the Victorian Period.

Tennyson—In Memoriam and The Idylls of the King.

The greater part of Browning's poems will be discussed with the purpose of illustrating his qualities as a poet and a philosopher. Browning's Complete Poetical Works (one volume, Cambridge edition) is required.

Two hours a week.

7. **English Composition.**—An advanced course on English Composition, including style, methods, and principles of literary criticism. Criticism will also be examined from the historical point of view. In connection with this course students will read a few prescribed texts. Essays at stated periods are required of all.

One hour a week.

Books of reference: Winchester's "Principles of Literary Criticism"; Saintsbury's "History of Criticism"; Arnold's "Essays in Criticism."

8. **The English Novel from Richardson to the Present Time.**

The development of English fiction will be traced from Richardson, Fielding, Smollett and Sterne through Goldsmith, Mrs. Radcliffe, Jane Austen, Scott, C. Brontë, Dickens, Thackeray, George Eliot to Trollope, Meredith, Stevenson, and a few representative English novelists now living.

A fair knowledge of the important works of Jane Austen, Scott, Dickens, Thackeray, and George Eliot is a prerequisite for those taking this course.

Three hours a week.

Department of Geology and Mineralogy.

Professor—Reginald W. Brock, M.A., F.R.S.C. (on overseas service).

Acting Professor—Stuart J. Schofield, M.A., B.Sc., Ph.D.

Geology.

1. **Physical Geography.**—Three hours a week, lectures and recitations, laboratory and field work as arranged. First Term: The land, the atmosphere, and the oceans.

College Physiography, Tarr and Martin (Macmillan).

2. **General Geology.**—Three hours a week, lectures and recitations; laboratory and field work as arranged. Second Term:—The materials of the earth, its structure, and the history of the earth, with its plant and animal inhabitants. The geology of Canada. This course should be preceded by Physical Geography.

Elements of Geology, Blackwelder and Barrows (American Book Company).

3. **Petrography.**—Three hours a week, Second Term, one hour lecture and two hours laboratory. The work of this course consists of the microscopic study of rocks in connection with the megascopical determination of the corresponding hand specimens. The course aims to train the students to determine accurately and rapidly the different rock types met with in geological field work.

This course should be preceded by Optical Mineralogy.

4. **Economic Geology.**—Three hours a week, First Term. The course includes a study of the ore deposits of North America, special stress being placed on those of Canada. The classification, the structural features, and the origin of ore deposits are thoroughly discussed. This course must be preceded by Mineralogy and General Geology.

5. **Field Geology.**—Fifteen hours field work during the session. The course is designed to acquaint the student with the ordinary methods of Field Geology. Small areas will be assigned

to each student and the results of his investigations are embodied in a report and a geological map. Conferences during the progress of each student's work will be held.

The course must be preceded by General Geology and Petrography.

Mineralogy.

1. **Mineralogy.**—Two hours lectures and two hours laboratory work a week. The course is introduced by a short series of lectures on crystallography, supplemented in the laboratory by the examination of actual crystals and crystal models. The course in Mineralogy includes determinative and descriptive mineralogy, and the aim is to train the student to determine accurately and rapidly the commoner minerals by their physical and pyrognostic properties. Emphasis is placed on the association of minerals in nature and their application in the industrial arts.

2. **Optical Mineralogy.**—Three hours a week, First Term. The course is primarily designed as an introduction to Petrography. It includes instruction in the practical application of the polarizing microscope to the study of crystalling material, especially the rock-forming minerals.

Department of History.

Assistant Professor—Mack Eastman, Ph.D.

History.

1. The evolution of modern European society as interpreted by Robinson and Beard in their "Outlines of European History," Part 2 (Ginn & Co.).

2. Beginning with a brief survey of Spanish colonization in America, and a succinct account of the development of the United States, this course will be devoted to Canadian History. After a consideration of the main characteristics of the French regime, the class will proceed to a study of Canada under British rule. Special attention will be given to constitutional history and questions of government. Students are advised to read in advance Parkman's "Jesuits in North America," "Count Fron-

tenac," "The Discovery of the Great West," "The Old Regime," and "Wolfe and Montcalm." Text-book: Egerton, "History of Canada," Vol. II. (Clarendon Press).

Two hours a week.

3. The religious and social life of the Middle Ages, the Renaissance, the Reformation, the Counter-Reformation, and the subsequent history of religious thought down to the present day, with special reference to the English Deists, the French Philosophere, the Evangelicals of Germany, England and America, the Higher Critics and the Catholic Modernists. Text-book: George P. Fisher, "The Reformation" (Scribners).

Two hours a week.

4. The economic, political and military history of the great countries of Europe from the French Revolution to our own times. This course aims at an historical explanation of the present situation in Europe. After 1916-17, as prerequisites for this course, students must take History 3 and Economics 1. A reading knowledge of French and German is also desirable. Text-books: Mathews, "The French Revolution" (Longmans); Fisher, Napoleon (Home University Library); Hazen, Europe Since 1815 (Henry Holt).

Four hours a week.

Supplementary reading will be assigned in the lectures.

5. The same as 2, with wider reading. Two hours a week.

Department of Mathematics.

Associate Professor—G. E. Robinson, B.A.
Assistant Professor—E. H. Russell, B.A.
Instructor—E. E. Jordan, M.A.

1. **Plane and Solid Geometry.**—As in Hall and Stevens' School Geometry.

Two hours a week in Second Term.

Algebra.—Hall and Knight's Elementary Algebra (omit-

ting Chapters 40, 41, 42), or the same subject matter in similar text-books.

Two hours a week in First Term.

Trigonometry.—Hall & Knight's Elementary Trigonometry to page 210, and Chapter 19; nature and use of logarithms (Bottomley's four-figure tables).

Two hours a week throughout the session.

2. **Geometry.** — (*a*) Solid Geometry, continuation of the Geometry of the First Year; (*b*) Geometrical Conic Sections. Spherical Trigonometry, an elementary course.

Text-book: Wilson's Solid Geometry and Conic Sections.

Four hours a week First Term.

Algebra.—Permutations and combinations; binomial theorem; exponential and logarithmic series; interest, annuities and bonds; undetermined coefficients; partial fractions; summation of typical series; probabilities; determinants.

Analytic Geometry.—A short introductory course.

Text-book: Hall and Knight's Advanced Algebra.

Four hours a week Second Term.

3. **Analytic Geometry.**

Text-book: Tanner & Allen.

Two hours a week throughout the session.

Calculus.—Text-book: Murray's Differential and Integral Calculus (Longmans).

Two hours a week throughout the session.

4. Topics from Advanced Calculus; Differential Equations; Analytic Geometry of three dimensions.

Algebra.—Topics in determinants, theory of equations. Series and functions of a real variable.

Four hours a week throughout the session.

Department of Modern Languages.

Associate Professor of French—H. Ashton, B.A., Des.L., D.Litt., O.I.P.
Assistant Professor of Modern Languages—H. Chodat, M.A.
Instructor—Isabel MacInnes, M.A.

(*a*) French.

1. **Literature.**—A general view of French literature from the 17th to the 19th century, based on the reading of passages from the great authors. Passages from the following authors will be studied, and in every case a résumé of the entire work will be given, and some account of the writer's life, times and work: Corneille, Racine, Molière, La Fontaine, Fénélon, Boileau, Rousseau, Voltaire, Chenier, Chateaubriand, Sand, Balzac, Hugo, Michelet, Daudet, Lamartine, De Musset, Gautier, Leconte de Lisle, Sully Prudhomme, Coppée, de Hérédia, Flaubert, France, Loti.

Language.—(*a*) Oral drill in grammar, **always in complete sentences**—no repetition of verbs alone. Oral translation into French of English phrases illustrating difficulties of grammar and syntax.

(*b*) Oral practice in subject matter of literature lessons. Translation into French of material taken from the literature lesson. Free composition on subjects taken having a close connection with the texts studied. Composition on general subjects unconnected with French literature will not be required.

The whole of the teaching under (1) (*a* and *b*) will be based upon Siepmann's **Primary French Course,** Third Part (Macmillan & Co. of Canada), Second Edition, 1915.

The lectures will supplement the subject matter of this book, and no guarantee that the examination will be limited to information contained therein is expressed or implied.

Four hours per week.

2. **Summer Reading.** — Students entering on Course (2)

are required to read, during the vacation, Chapters I. to IV., inclusive, in Strachey, **Landmarks in French Literature** (Home University Library. Wm. Briggs, Toronto).

Literature.—The important movements in French literature.

Prescribed works:

(*a*) Strachey, **Landmarks in French Literature.**

(*b*) Ch. M. Des Granges, **Morceaux choisis des auteurs Français,** 2° Cycle. Paris (Hatier).

(*c*) Faguet, **Ce que disent les livres,** Ed. H. N. Adair, Cambridge, at the University Press, 1915.

French Composition. — The book prescribed is Weekley, **French Prose Composition,** London (Clive).

Conversation based on E. Breuil, **Leçons illustrées de Français,** Paris (Larousse).

Four hours a week.

3. **Summer Reading.**—Students entering on Course (3) are required to read, during the vacation, Madame de la Fayette, **La Princesse de Clèves.**

Literature.—The classical and romantic periods compared and contrasted. The prescribed books are:

1. Racine, **Andromaque** (Didier, Paris).

(*a*) 2. Bruyere, **Les Caractères** (Didier, Paris).

3. Mme. de la Fayette, **La Princesse de Clèves** (Collection Gallia Crès, Paris, and Dent, London).

1. Stewart & Tilley, **The Romantic Movement.**

(*b*) 2. Stewart & Tilley, **The French Romanticists.**
Both published in Cambridge at the University Press.

The books mentioned above under (*b*) give extracts from the works of the romanticists. In very case the complete works from which these passages are taken will be found in the University Library. Students will be required to read widely for this course.

French Composition.—Extracts for translation will be taken from Sevrette, **Morceaux choisis,** Cours superieur 2° partie, Paris (Belin).

Four hours a week.

4. **Summer Reading.**—As in Course (3).

Literature.—As in Course (3).

Composition.—Advanced translation and composition.

Conversation Class in modern methods of explanation of French authors (lectures expliquées). The book used is Boucley et Garinot, Textes choisis d'explication Français (garçons 4e et 3e), Paris (Armand Colin), 1913.

Four hours a week.

(*b*) **German.**

1. (*a*) **Composition, Conversation, etc.:**
Pope, Writing and Speaking German (Holt).

(*b*) **Reading:**

Richl—Der Fluch der Schonbeit (New Edit., Holt).
Benedix—Nein (Heath).
Moser—Der Bibliothekar (Ginn).
Freytag—Die Journalisten (Ginn).

Four hours a week.

2. **Summer Readings.**—Heyse, Die Blinden (Holt); Keller, Legenden (Holt).

The examination in Summer Readings will be held in the first week of the session.

(*a*) **Composition.** — Pope, Writing and Speaking German (Holt).

(*b*) **Literature.**—A general survey of German literature. Stroebe and Whitney, Geschichte der Deut. Literature (Holt).

(*c*) **Reading.**—Lessing, Minna von Barnhelm (Macmillan). Schiller, Maria Stuart (Ginn).

Goethe, Egmont (Ginn).

Four hours a week.

3. **Summer Readings.**—Schiller, Don Carlos (Oxford University Press).

The examination in Summer Readings will be held in the first week of the session.

(*a*) **Composition.**—Whitney & Stroebe, Exercises in German Syntax and Composition (Holt).

(*b*) **Literature.**—Das Drama des XIX. Jahrhunderts.

(*c*) **Reading.** — Schiller, Don Carlos (Oxford University Press).

Goethe, Faust, Part 1 (Heath).
Kleist, Prinz von Homburg (Ginn).
Hebbel, Agnes Bernauer (Oxford University Press).
Hauptmann, Die Weber.

Spanish.—(This course is offered conditionally.)

1. **Grammar and Conversation.**—Hill & Ford, A Spanish Grammar (Heath); Robert, First Spanish Book (Dent).

Reading.—Valera, El Pajaro verde (Ginn); Alarcon, El Sombrero de tres picos (Holt); Valdés, La Alegria del Capitan Ribot (Heath).

Four hours a week.

Department of Philosophy.

Assistant Professor—James Henderson, M.A.

1. **A Course in Elementary Psychology.**—The text-book used is Pillsbury's Essentials of Psychology. Students will also be referred to Stout's Manual of Psychology, Titchener's text-book and James' Psychology.

Preparatory reading recommended: McDougall's Psychology (Home University Library).

A Course in Elementary Logic, Deductive and Inductive.—

Text-book: Mellone's Introductory Text-book of Logic (latest edition). In connection with this course a few lectures intended to serve as an introduction to the main problem in Philosophy, will also be given.

Four hours a week.

2. **A Course in Moral Philosophy.**—(*a*) Theoretical Ethics; the development of morality in the race and in the individual; the psychological and metaphysical implications of morality; the chief ethical theories of ancient and modern times, with special reference to the Ethics of Idealism and the Ethics of Evolution. (*b*) Applied Ethics; Moral Institutions; the duties and the virtues; the social organism; Ethics in relation to Politics and Economics; the sociological movement; moral progress.

MacKenzie's Manual of Ethics is prescribed for collateral reading, and students will also be referred to chapters in Rashdall's Theory of Good and Evil, Dewey and Tafts' Ethics, Green's Prologomona to Ethics, Sidgwick's Methods of Ethics, to Butler's Sermons on Human Nature, and the works of Kant and Mill.

Preparatory reading recommended: Ethics, by Canon Rashdall (The People's Classics); Ethics, by G. E. Moore (Home University Library).

Four hours a week.

3. **The History of Philosophy from the Renaissance to the Present Time.** — Text-book: Calkins' Persistent Problems of Philosophy. Works of reference: Rand's Modern Classical Philosophers, and the Various Histories of Philosophy; Hoffding, Windelband, Erdmann, etc.

Four hours a week.

Courses 2 and 3 will be given in alternate years. Session of 1916-17, Course 2 will be given.

Department of Physics.

Associate Professor—J. G. Davidson, B.A., Ph.D.

Assistant Professor—T. C. Hebb, M.A., Ph.D.

Instructor—P. H. Elliot, M.Sc.

1. **A General Study** of the principles of mechanics, properties of matter, heat, light, sound and electricity. The course has two objects—(1) to give the minimum acquaintance with physical science requisite for a liberal education to those whose studies will be mainly literary; (2) to be introductory to the course in Chemistry and other branches of natural science, and to the more detailed courses in Physics in the Second, Third and Fourth Years. Only the most important principles in each branch of the subject will be treated, as far as possibly with reference to their historical development and mutual relations. Students must reach the required standard in both theoretical and practical work.

Lectures two hours a week and one laboratory period of two hours a week.

Text-book: Ontario High School Physics and Laboratory Manual.

2. **Mechanics, Hydrostatics and Properties of Matter.**—A selected course of two lectures a week in conjunction with one period of two hours a week for laboratory and problem work.

3. **Heat, Sound and Light.**—A course of five hours a week throughout the year. Ordinarily, two hours will be given to laboratory work and one to recitation and problem working.

4. **Electricity and Magnetism.**—A course of five hours a week throughout the year. Ordinarily, two hours will be given to laboratory work and one to recitation and problem working.

Note.—In 1916-17, Third-year students will take a course similar to that prescribed for the Second Year, and Fourth-year students will take a selected course covering General Physics, omitting Electricity and Magnetism.

INFORMATION FOR STUDENTS IN APPLIED SCIENCE.

The work of the first two years is largely in Mathematics and pure science, giving a foundation for specialization in the various branches of Engineering in the Third and Fourth Years of a B.Sc. Course.

In the Third Year four courses are offered:—

I. Chemistry.
II. Chemical Engineering.
III. Civil Engineering and Surveying.
IV. Mining.

In the Fourth Year one course is offered:—

Chemical Engineering.

The regular work of each Session in Applied Science will end about the first of May, at the close of the Sessional Examinations. The summer work will be taken during the month of September.

General Outline of Courses.

The curriculum, as laid down in the following pages, may be changed from time to time as deemed advisable by the Faculty. The work prescribed for the First Year is the same in all courses. The first two years of the Engineering Course (II.-IV.) are mainly devoted to Mathematics, Mechanics, Physics, Chemistry, Drawing, and Shopwork, as it is considered necessary that students in these courses should master the general principles underlying scientific work before commencing the subjects of the professional courses proper.

FIRST YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Mathematics, I.	8	....	8	....	110
Descriptive Geometry, I.	2	4	2	4	98
English, I.	2	....	2	....	113
Drawing (a) and (b)	....	3	....	3	103
Mechanical Drawing, I.	....	3	....	3	104
Mechanics, I.	2	....	2	....	112
Physics, I.	2	3	2	3	112
Shop-work, I.	....	6	....	6	105

1. **Summer Work.**—All undergraduates entering the Second Year—except those taking the Chemistry Course (Course I.)—are required to be in attendance at the Surveying School on the 30th of August, when the field work in Surveying and Geodesy will commence. (See page 101.)

English II., Summer Reading.—All students entering the Second Year will be required to read the following English Classics:—

Southey's "Life of Nelson."
Lamb's "Essays of Elia."
Kingsley's "Hereward the Wake."
Dickens' "David Copperfield."
George Eliot's "Adam Bede."

Everyman s Library.

All students will be required to pass an examination in the Summer Reading at the opening of the Session. A maximum of 100 marks will be allowed for this reading.

SECOND YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Mathematics, II.	6	....	3	....	111
Chemistry, I.	3	4	3	4	96
General Engineering, I.	1	....	1	....	99
Structural Engineering, I.	....	....	....	3	100
Mechanical Drawing, II.	....	3	....	3	104
Mechanics, II.	....	....	3	....	113
Mechanical Engineering, I.	3	....	3	....	102
Physics, II.	2	3	2	3	112
Shop-work, II.	1	3	1	3	105
Mapping, I.	....	3	....	3	101
Surveying, I.	2	....	2	....	101
Field-work, I.*	....	....	....	....	101

* Note.—Field work begins August 30th, 1916.

Summer Work.—Undergraduates entering the Third Year in Civil and Mining Engineering (Courses III. and IV.) are required to attend the Surveying School on August 30th, when the field-work in Surveying will commence. (See page 101.)

Essay or Summer Reading.—Students entering the Third Year must:—

(*a*) Prepare an essay; or
(*b*) Follow a course of summer reading.

(*a*) An essay should consist of about 2,000 words, and must in all respects follow the specifications herewith given:—

All essays must be handed in at the Dean's office not later than 5 p.m. on Monday, October 9th. A maximum of 100 marks, or nearly 10 per cent. of the total marks for the year, is given

for these essays.

The most acceptable subject for an essay is a critical description of the work on which the student is engaged during the summer, but a description of any engineering, scientific, or industrial work with which he is familiar will be accepted.

It should be illustrated by drawings, sketches, and (when desirable) by photographs, specimens, etc.

No essay compiled from books alone will be accepted unless the student has obtained in advance the permission of the Head of his Department to prepare such an essay.

The essay must be well expressed and written in precise, well-chosen, grammatical English. In preparing it advantage may be taken of any source of information, but due acknowledgement must always be made, and it must contain a statement of all authorities and books consulted. In judging of the value of the essays, account will be taken not only of the subject-matter, but also of style and literary construction.

All essays when handed in will become the property of the Department concerned and will be filed for reference. Students may submit duplicate copies of their essays in competition for the students' prizes of the Canadian Society of Civil Engineers, or of the Canadian Mining Institute.

Essays must be written on paper of substantial quality, and of a size approximately 8½ x 11 inches.

Students in Mining Engineering who are for any reason unable to write on some engineering work of which they have personal knowledge, will be required to take the Summer Reading (*b*) next following.

(*b*) The Summer Reading which may be substituted for the summer essay, consists of Shadwell's Industrial Efficiency (Longmans, Green & Co., 1909). Students will be required to pass an examination in the Summer Reading at the opening of the Session. The same number of marks are allotted for this reading as for the essay.

I. Chemistry.

The aim of this course is to train the students for positions as analytical chemists, and to give them such knowledge of the principles of chemistry that they may be prepared to assist in the solution of problems of value to the industrial and agricultural life of the Province. The course is arranged to give in the first two years a knowledge of the fundamental principles of chemistry and physics, with sufficient mathematics to enable the theoretical parts of the subject to be understood.

In the Third Year analytical, organic, and physical chemistry are studied from the scientific side and in relation to technology. With the development of the University, a Fourth Year course, in which the student may specialize in the various branches, will be given.

FIRST YEAR.

As in other engineering courses. (For details see page 85.)

SECOND YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Mathematics, II.	6	....	3	....	111
Chemistry, I.	3	15	3	....	96
Chemistry, II.	....	....	1	15	96
Mechanics, II.	....	....	3	....	113
Physics, II.	2	3	2	3	112
German, I. (Arts)	3	....	3	....	80

THIRD YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Engineering Economics	....	....	2	....	99
Geology, I. and II.	2	1	2	1	109
Chemistry, II.	1	9	1	6	96
Metallurgy	2	....	....	1½	108
Mineralogy	2	4	2	....	110
Chemistry, III.	2	3	2	3	96
Chemistry, IV.	....	....	2	....	97
Bacteriology (Arts)	....	....	....	7	65
Assaying	1	6	....	....	109

II. Chemical Engineering.

This course is arranged to prepare the student for the duties of managing engineer in a chemical manufactory. As such he must not only be conversant with the chemical processes involved but he must be prepared to design and to oversee the construction of new buildings and to direct the installation and use of machinery. Accordingly, the course of study combines a considerable amount of engineering with the maximum of chemical training allowed by the time at his disposal.

FIRST AND SECOND YEARS.

As in other engineering courses. (For details see page 85.)

THIRD YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Engineering Economics	....	....	2	....	99
Metallurgy	2	....	....	1½	108
Chemistry, II.	1	9	1	6	96
Mechanics, III.	2	....	....	....	113
Mechanical Engineering, II. and III.	2	3	2	3	102
Mineralogy, I.	2	4	2	....	110
Chemistry, III.	2	3	2	3	96
Chemistry, IV.	....	....	2	....	97
General Engineering, II.	....	....	2	3	99
Structural Engineering, III.	....	....	1	3	101

FOURTH YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Elec. Engineering and Elec. Eng. Lab.	....	3	....	3	103
Engineering Law	2	....	....	....	.....
Hydraulics	2	....	1	....	.....
Chemistry, VI.	2	....	2	....	97
Chemistry, VIII.	2	....	....	....	98
Chemistry, V.	1	15	1	15	97
Chemistry, VII.	2	3	2	3	98
Fire Assaying	....	4	....	4	109

III. Civil Engineering.

The aim of this course is to give the student a sound training in the fundamental scientific principles on which the practice of the profession is based, and in the various branches of general engineering which are most called for in the practice of the profession in this Province. Experience shows that graduates do not usually follow any narrow differentiation that they may make in their course, but are governed by many other factors which affect them after leaving college. In practice in British Columbia, in particular, the engineer is called upon to undertake work in various branches of the profession. The course is therefore adapted to the needs of the engineer who expects to enter the profession in this Province in general practice, or the student who wishes to take up a special branch of engineering in a post-graduate course. The instruction is given by means of lectures and practical work in the field, the draughting-room and the laboratory, and by visits to works by regularly conducted class excursions.

During the earlier years of the course the training is along engineering lines in Mathematics, Physics, Mechanics, and allied subjects which are essential to the proper education of the engineer who in practice is applying the principles of these sciences.

In the third year of this course the strength of materials is the main subject of study. The knowledge of this subject already gained is applied to simple problems in the analysis of stresses in framed structures, and to the design of foundations, girders, columns, roof-trusses, and the like. Courses in Surveying extend throughout the second and third years, with summer school sessions and field-work at the beginning of the session.

FIRST AND SECOND YEARS.

As in other engineering courses. (For details see page 85.)

THIRD YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Descriptive Geometry, II.	1	3	....	....	98
Geology, I. and II.	2	1	2	1	109
Engineering Economics	....	....	2	....	99
Mechanics, III.	2	....	....	....	113
General Engineering, II.	2	....	2	3	99
Mechanical Engineering, II. and III.	2	3	2	3	102
Mechanical Engineering, IV.	2	....	2	....	103
Railway Engineering, I.	2	....	2	....	100
Structural Engineering, II. and III.	1	3	1	3	100
Hydraulic Engineering, I.	1	....	1	....	100
Electrical Engineering, I.	....	3	....	3	103
Surveying, II.	2	....	2	....	101
Mapping, II.	....	6	....	6	101
Field-work, II.	4*	....	....	....	101

* Weeks.

* Note.—Field-work begins on Wednesday, August 30th.

IV. Mining Engineering.

This course is intended to give a broad foundation in Mining Engineering that will form a suitable introduction to any branch of the work that aptitude or circumstances may lead the student to enter after graduation.

Special attention is therefore given to the fundamental sciences upon which the practice of the profession is based. As the usual avenues toward professional work are through draughting, surveying, and assaying, special attention will be given to training in these branches of the work.

Specialization does not begin until the third year, when

courses in Mining, Metallurgy, Ore-dressing, and Assaying are commenced, but the chief work is still in such fundamental subjects as Applied Mechanics, Mechanical Engineering, Chemistry, Geology, and Mineralogy.

Instruction is given by means of lectures and practical work in the field, draughting-room, and laboratory, and by visits to mines and works. Students are recommended to spend their vacations at practical work in connection with Mining, Metallurgy, or Surveying, and will be required to do so between the third and fourth year.

FIRST AND SECOND YEARS.

As in other engineering courses. (For details see page 85.)

THIRD YEAR.

Subject	First Term		Second Term		See Page.
	Lectures per Week.	Laboratory Hours per Week.	Lectures per Week.	Laboratory Hours per Week.	
Engineering Economics	....	....	2	....	99
Fire Assaying	1	7	....	....	109
Geology, I. and II.	2	1	2	1	109
Chemistry, II.	1	6	1	6	96
Mechanical Engineering, II. and III.	2	3	2	3	102
Metallurgy	2	....	....	....	108
Mineralogy	2	2	2	2	110
General Mining	....	....	2	....	106
Ore-dressing	2	....	2	3	107
General Engineering, II.	2	....	2	3	99
Structural Engineering, III.	....	....	1	3	101
Mine Surveying	1	....	....	....	106
Mapping, II.	....	3	....	....	101
Field-work, II.	4*	....	....	....	101

* Weeks.

* Note.—Field-work begins on Wednesday, August 30th.

REGULATIONS CONCERNING PREREQUISITE SUBJECTS.

(1.) No student proceeding to a degree will be allowed to take any subject, unless he has previously passed, or secured exemption, in all prerequisite subjects.*

(2.) All students proceeding to a degree as above shall be classed as undergraduates and conditioned undergraduates, the latter being students with defective entrance qualifications or those who have failed in one or more of the subjects of their course in the year previous to that in which they are entered.

(3.) Except in special cases as provided below, no undergraduate or conditioned undergraduate shall be permitted to take any second-year subjects until he has passed or secured exemption in all matriculation requirements; and, similarly, no third-year work may be undertaken until all first-year subjects shall have been passed or exempted. No fourth-year work may be undertaken until all subjects of the previous years shall have been passed or exempted.

(4.) Partial students (not proceeding to a degree) may be admitted to classes without regard to the prerequisite rule, provided that they have obtained the permission of the Head of each Department concerned, and have also had their courses approved by the Faculty.

(5.) In the event of a partial student desiring to obtain undergraduate standing in order to proceed to a degree, he shall not be given credit for work already done without the usual prerequisites until he has passed examinations or secured exemptions in such prerequisites as may be demanded and has had his case approved by a unanimous vote of the Faculty.

---

*It is to be noted that prerequisite subjects are those which, in the opinion of the Faculty, must have been mastered before the subjects to which they are prerequisite can be intelligntly studied.

Concurrent subjects are those which so supplement one another that no one of them can be advantageously studied alone. If any subject has another which is concurrent to it, both must be taken in the same session.

(6.) All undergraduates who, at the close of any session, have passed the examinations in all the subjects of their year, or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the subjects in which they have failed, may pass into the next higher year as undergraduates.

(7.) All students who have conditions that have not been removed at the opening of any session, are conditioned undergraduates, and come under the regulations governing prerequisite subjects.

EXAMINATIONS IN APPLIED SCIENCE.

There are two examinations in each year, viz., at the end of each term. Successful students are arranged in three classes at these examinations. Those who obtain 75 per cent. and over are placed in the first class; from 60 per cent. to 75 per cent., in the second class; and from 50 to 60 per cent., in the third class.

Christmas examinations will be held in all subjects and are obligatory on all students. Any partial student of the first year who fails in the Christmas examinations in any subject, will not be allowed to continue his course in that subject, except under special circumstances and with the consent of the Faculty. Any student who at the Christmas examinations fails in more than two courses, or their equivalent, will be required to discontinue attendance for the remainder of the session. Any student who at the sessional examinations fails in more than two major courses, or their equivalent, will be required to repeat his year.

For the first year these major full subjects, or their equivalents, are:—

Geometry (or Trigonometry), Algebra, Descriptive Geometry, (Physics and Laboratory), and (Mechanics and English).

Any student whose record is found to be unsatisfactory, may at any time be required to withdraw from the University.

SUPPLEMENTAL EXAMINATIONS.

Applications for these examinations, accompanied by the necessary fees, should be in the hands of the Registrar at least two weeks before the date of the examinations.

COURSES IN APPLIED SCIENCE.

N. B.—The following courses are subject to such modifications during the year as the Faculty may deem advisable.

Department of Chemistry.

Professor—D. McIntosh.
Assistant Professor—E. H. Archibald.
Assistant Professor—R. H. Clark.

I. **General Chemistry.**—This course is arranged to give a full exposition of the general principles involved in modern chemistry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds and of the applications of chemistry in technology. Three lectures and two laboratory periods of two hours weekly.

Book recommended: Smith's General Inorganic Chemistry.

II. **Qualitative and Quantitative Analysis.**—

(*a*) Qualitative Analysis: A course consisting of one hour of lecture or recitation and six or more hours of laboratory work each week throughout the First Term. During the first six weeks of the term an additional hour of lecture or recitation may be substituted for a part of the laboratory work.

(*b*) Quantitative Analysis: A course consisting of one hour of lecture or recitation and six or more hours of laboratory work each week throughout the Second Term. The course embraces the more important methods of gravimetric and volumetric analysis. Course (*b*) must be preceded by Course (*a*).

Books recommended: Noyes' Qualitative Analysis; Cumming and Kay's Quantitative Analysis.

III. **Organic Chemistry.**—This introduction to the study of the compounds of carbon will include the methods of preparation

and a description of the properties of the more important groups and compounds in both the fatty and the aromatic series. Two lectures and one laboratory period of three hours weekly.

(III. will only be given to those students taking II., or those who have had the equivalent of II.)

Books recommended: Remsen's Organic Chemistry; Orndorff's Laboratory Manual.

IV. **Theoretical Chemistry.**—An introductory course on the development of modern chemistry, including osmotic phenomena, the ionization theory, the law of mass action, and the phase rule. Two lectures a week during the Second Term.

Text-book: James Walker, Introduction to Physical Chemistry.

V. **Advanced Qualitative and Quantitative Analysis.—**

(*a*) Qualitative Analysis: One lecture and six hours in the laboratory throughout the First Term. The work of this course will include the detection and separation of the less common metals, particularly those that are important industrially; together with the analysis of somewhat complex substances occurring naturally.

(*b*) Quantitative Analysis: One lecture and six hours laboratory work a week during the Second Term. The determinations made will include the more difficult estimations in the analysis of rocks, as well as certain constituents of steel and alloys. The principles on which analytical chemistry is based will receive a more minute consideration than was possible in the elementary course.

Prerequisite (II.).

VI. **Industrial Chemistry.**—Two hours of lectures a week throughout the year. Those industries which are dependent on the facts and principles of chemistry will be considered in as much detail as time will permit. The lectures will be supplemented by visits to manufacturing establishments in the neighborhood, and it is hoped that some of them will be given by

specialists in their respective fields.

Prerequisites (II.) and (III.).

VII. **Physical Chemistry**—The lectures, which are a continuation of those given in 4, include the kinetic theory of gases, thermo-chemistry, the application of the principles of thermodynamics to chemistry, osmotic phenomena, applications of the dissociation theory, colloidal solutions, and a study of the physical properties of gases, liquids, and solids, and of their chemical constitutions.

Two lectures and one laboratory period of three hours weekly throughout the year.

Prerequisites (II.), (III.) and (IV.).

Text-books: Bigelow, Physical Chemistry; Findlay, Physico-Chemical Measurements.

For reference: Ramsay's Series of Text-books on Physical Chemistry.

VIII. **Applied Electro-Chemistry**—Solutions are studied from the standpoint of the osmotic and the dissociation theories. The laws of electrolysis, electro-plating, primary and secondary batteries and the preparation of the elements and compounds by electrolytic methods, and the electric furnace are studied.

Two lectures weekly during First Term.

For reference: Le Blanc, Elements of Electro-Chemistry; Thompson, Applied Electro-Chemistry; and Stansfield, The Electric Furnace.

Descriptive Geometry.

Instructor—E. G. Matheson.

Descriptive Geometry, 1.—Geometrical drawing; orthographic, isometric and axometric projections; shades and shadows.

Text-book: Descriptive Geometry, H. F. Armstrong.

Descriptive Geometry, 2.—Mathematical perspective; per-

spective of shadows; spherical projections and construction of maps.

DEPARTMENT OF CIVIL ENGINEERING AND SURVEYING.

Assistant Professor—H. K. Dutcher.
Instructor—E. G. Matheson.
Instructor—W. H. Powell.

Engineering Economics.

General finance; barter and sale; money and credit; stocks and bonds; partnership and corporations; estimating; cost analysis; valuations; operating and fixed charges; specifications and contracts.

General Engineering, I.

Materials of Construction.—Manufacture and properties of cast iron, wrought iron; crucible; bessemer, and open-hearth steel; principal alloys; considerations governing selection of materials; manufacture and properties of Portland and natural cements; limes; concrete; stone and brick masonry; principal kinds of timber used for engineering purposes; preservation of timber; discussion of standard specifications.

Required of all engineering students. One hour a week during the year.

General Engineering, II.

Strength of Materials.—Lectures dealing with the fundamental principles of the strength of materials. The subject includes stress, strain, resilience; bending moment and shearing force diagrams; simple, continuous and cantilever beams; strength of shafting; spiral springs; elementary consideration of compound stresses and shearing in different sections.

Strength of Materials in Laboratory.—Testing of concrete, timber, steel, and other materials to illustrate the theories and factors considered in the lectures.

Hydraulic Engineering.

Application of hydraulic pressure in the case of dams, gates and pipes; flow of water and measurement of volume by various orifices and weirs; flow in open channels, ditches, flumes, etc.; elementary study of the theory of water-wheels, turbines, etc.

Railway Engineering.

Location and grade problems; economics of location; reconnaissance, preliminary, and location surveys; yards and terminals; details and materials of construction; estimates of probable receipts and expenditures.

Two lectures a week throughout the year.

Text-book: Railroads, Curves and Earthwork, Allen; Economics of Railroad Construction, Webb.

Structural Engineering, I.

Graphical Statics.—Composition of forces; general methods involving the use of funicular and force polygons; determination of reactions, centres of gravity, bending moments and moments of resistance; stresses in cranes, braced towers, roof-trusses, and bridge-trusses.

Laboratory period of three hours during the Second Term.

Text-book: Roofs and Bridges, Part II., Merriman and Jacoby.

Required of all engineering students.

Structural Engineering, II.

Foundations and Masonry. — Borings; bearing power of soils; pile and other foundations; coffer-dams; caissons; open dredging; pneumatic and freezing processes; estimates of quantities and costs.

One hour lecture and three hours laboratory during First Term.

Text-book: Masonry Construction, Baker.

Structural Engineering, III.

Problems illustrating designs in structural engineering and reinforced concrete; drawing estimates of quantities and costs.

One hour lecture and three hours laboratory during Second Term.

Text-book: Structural Draughting and Elementary Design, Conklin.

Surveying, I.

Lectures; chain and angular surveying, surveying instruments and equipment, their construction, use and adjustment; topography, levelling, contouring, stadia surveying, railway curves, etc.; Provincial and Dominion surveys.

Surveying, II.

Theory and use of instruments, plane table surveying, mine surveying, hydrographic surveying; theory and setting out of railway curves; elements of geodetic surveying; elements of practical astronomy; Provincial and Dominion land surveying.

Field-Work, I.

(1) Farm survey, with chain and compass; (2) compass and micrometer survey; (3) detail survey by chain and pickets; (4) levelling; (5) transit work.

Field-Work, II.

Topographical, hydrographical, and railway-location surveys; mine surveys; use of plane table, sextant, barometer, etc.

Mapping, I.

Drafting from notes obtained in field-work.

Mapping, II.

Draughting from notes obtained in field-work and from other notes.

DEPARTMENT OF MECHANICAL ENGINEERING.

Assistant Professor—L. Killam.
Instructor—
Demonstrators—J. M. Goodwin, H. Taylor, S. Northrop, J. Robb.

Mechanical Engineering, I.

Mechanics of Machines.—(*a*) **Kinematics of Machines:** Displacement, velocity, and acceleration, and their mutual relations; constrained motion; and the relative motions of links in various closed chains; alteration and closure; the design of gear teeth, wheel trains and cams.

(*b*) **Dynamics of Machines.**—The dynamics of revolving and reciprocating parts of machines; work represented in the indicator diagram; the design of flywheels.

Text-book: Durley, "Kinematics of Machines."

Reference book: Ewing, "The Steam Engine and Other Heat Engines."

Three hours a week throughout the year.

Mechanical Engineering, II.

Heat Engines and Auxiliaries.—The mechanical engineering of large and small steam and internal combustion power plants, with consideration of the economical selection and arrangement of equipment; the air-compressor, and the transmission and use of compressed air; refrigeration.

Text-book: Ripper, "Heat Engines."

Reference books: Ewing, "The Steam Engine and Other Heat Engines"; Marks and Davis, "Steam Tables and Diagrams."

Two hours a week throughout the year.

Mechanical Engineering, III.

Laboratory.—The testing of boilers, steam engines, and internal combustion engines; fuel calorimetry; flue gas analysis;

the distribution of losses in a steam-power electric generating plant; the efficiency of belt transmission of power; the power and its transmission in an automobile; air compression; lubrication.

Reference book: Carpenter and Diedrichs, "Experimental Engineering."

Three hours a week throughout the year.

Mechanical Engineering, IV.

Thermodynamics.—The fundamental principles of thermodynamics; the theory of air-compression, and the transmission and use of compressed air; the efficiencies of ideal heat engines; the properties of steam and the elementary theories of different heat engines.

Text-books: Simons, "Compressed Air"; Ewing, "The Steam Engine and Other Heat Engines."

Reference book: Lucke, "Thermodynamics."

Two hours a week throughout the year.

ELECTRICAL ENGINEERING.

An essentially practical course designed to give the student acquaintance with and experience in the handling of electrical machinery. Access is had to hydro-electric generating plants and sub-stations, and to isolated steam-power generating plants. Experimental studies are made of different types of generators and motors, storage batteries and other electrical apparatus, with a view to guiding the student in the selection of proper apparatus for any particular service. A lecture course on commercial practice will be given.

Text-book: Gray, "Principles and Practice of Electrical Engineering."

Three hours a week throughout the year.

DRAWING.

(*a*) **Freehand Drawing.**—The sketching of machine parts,

buildings and other structures, to train the student in the making of perspective drawings, or dimensioned drawings which may be copied to scale.

(*b*) **Lettering.**—Practice in freehand lettering of the types in common use in draughting rooms; the making of capitals, with drawing instruments; tinting and blue-printing.

Three hours a week throughout the year.

Mechanical Drawing, I.

The making of drawings and tracings of simple machine parts. All work is finished in accordance with the best commercial practice; and instruction is given in the reason for such practice and the choice of materials specified for use.

Three hours a week throughout the year.

Mechanical Drawing, II.

A continuation of Course I.; the making of detailed drawings from assembly drawings, and assembly from detail drawings, and assembly and detail drawings from measurements of more complicated machine parts.

Three hours a week throughout the year.

SHOPWORK.

These courses are planned to give the student some knowledge of common methods of manufacture as employed commercially, and also to supplement the manual training work of the High Schools in imparting a degree of manual skill and instruction in the use and care of various hand and machine tools. The courses help to form a basis for future intelligent design of parts for machines or structures.

The student is strongly advised to increase his practical experience by work in some branch of engineering during the summer vacations.

In conjunction with the Shopwork courses the student is required to read portions of certain text-books on shop practice,

tool design, and machine performance.

Notes on work done in the shops are handed in to the Instructors in charge.

Shopwork, I.

(*a*) **Woodworking.**—The use and care of woodworking tools in bench-work and turning; the making of various joints and small structures with finished surfaces; turning and boring.

All work is done according to blue-print specifications.

Three hours a week throughout the year.

(*b*) **Smith-work.**—The use and repairing of smith's tools; the making of small iron and steel forgings, including welding; the tempering of carbon-steel tools.

Three hours a week during one Term.

(*c*) **Foundry-work.**—Bench and floor moulding; core making; cupola operation.

Three hours a week during one term.

(*d*) **Shop Lectures.**—A course of lectures in line with the work done in Courses (*a*), (*b*) and (*c*), with a discussion of materials used and explanation of more advanced practice.

One hour a week throughout the year.

Shopwork, II.

(*a*) **Machine Shop Work.**—Bench-work, including marking off, chipping, filing, scraping, tapping and fitting; lathe-work, including turning and boring of cylindrical work to gauge, screw-cutting and finishing; lathe adjustments; shaping; drilling; milling; gear cutting; tool dressing.

Three hours a week throughout the year.

(*b*) **Shop Lectures.**—A course of lectures to supplement the knowledge gained in Course (*a*). The subjects considered are: Tools and tool-steels; annealing, hardening and tempering; grinding; soldering and welding; pipe fitting; machine fitting;

the manufacture of interchangeable parts; lathe adjustments.

Text-book: Smith, "Principles of Machine Work."

One hour a week throughout the year.

DEPARTMENT OF MINING ENGINEERING.

Professor—J. M. Turnbull.

Mine Surveying.—This course covers the application, to mining problems, of the general principles of surveying; under the following heads:—

Instruments and accessory appliances used, their selection, care and methods of use underground. Practical details of underground survey work and special difficulties. Surveying in shafts. Setting and lining in of timbers. Stope surveys. General underground surveys. Co-operation with sampling and geological work. Different systems of taking notes and sketches. Mapping methods. Scale of maps. Uses of maps for various purposes. Records, and methods of keeping them. Estimating tonnages and volumes. Functions of the Mine Survey Department.

Lectures and mapping one hour per week in the First Term of the Third Year.

General Mining.—This course covers broadly the general principles underlying the operations of finding and working mines. It forms the foundation for more specialized and detailed subsequent studies in mining. In outline the course is as follows:—

Ores.—Nature and types of ores and economic minerals.

Mineral Deposits.—Characteristic types, nature and origin, relations to surrounding rocks. Classification. Conditions of occurrence. Enrichment and impoverishment. Mineral belts.

Prospecting.—Methods used in searching for mineral deposits. Outcrops and other indications of occurrence. Geological aids. Mineral fashions. British Columbia Mineral Acts and Laws, applying to prospecting and location of mineral claims.

Preliminary Development.— Usual methods, their choice, nature and applicability. Relation to future operations. Technical and commercial results to be attained.

Boring.—Types of long distance boring drills used, their uses for particular purposes. Value of results in prospecting for, and development of mineral occurrences.

Mechanical Appliances.—General nature, types and uses of mining machinery. Hoisting and winding engines, compressors, rock drills, coal cutter dredges and hydraulic plants, transportation appliances and systems.

Structures.—General nature, types and uses of structures and buildings in connection with mines. Ore bins, head frames, etc.

Excavation.—Breaking and moving gravel, rock, ore and coal. Common explosives, their use and effects.

Mining Methods.—Systematic development work. General methods used in mining different types of mineral occurrences. Placer mining. Value and use of maps, surveys, geological and sampling work.

Mine Valuation.—General methods and considerations used in arriving at the values of mines and prospects.

Administration.—Functions and general organization of employees. Safety Department. Supplies, wages, mine accounts.

Economics.—General application of financial and commercial considerations to mining operations.

Ethics.—Character and obligations of the mining engineering profession.

Lectures two hours per week in the Second Term of the Third Year.

Books of reference: Principles of Mining, H. V. Hoover; Mining Without Timber, R. B. Brinsmade; Current Mining Journals.

Ore Dressing.—Owing to rapid and radical changes in the

practice of Ore Dressing in recent years, and the immense number and variety of machines in use, no attempt is made to describe all the machines. Most of the time is spent in considering fundamental principles, typical machines, and their general operations and relations in standard modern milling practice.

Students are taught the commercial and technical characteristics of true concentrating ores, the general principles on which the size, character, site, and other features of a mill are designed. The general lay-out of crushing, handling, and separating machinery. The laws of crushing and of various classifying and separating actions, and the design, operation, and comparative efficiency of typical machines, such as crushers, rolls, stamps, jigs, tables, screens, classifiers and slime handling devices.

Attention is paid to pneumatic, magnetic, electrostatic, flotation and other special processes, including coal washing.

Two lectures per week throughout the Third Year; with one laboratory period in the Second Term.

Reference books: Theory and Practice of Ore Dressing, E. S. Wiard; Ore Dressing, by R. H. Richards; Concentrating Ores by Flotation, T. J. Hoover; Current Mining Journals; Trade Catalogues.

General Metallurgy.—This course covers the fundamental principles underlying metallurgical operations in general, and is introductory to subsequent more specialized study.

The lectures follow in general the subject as taken up in "Principles of Metallurgy," by Chas. H. Fulton, including the following main subjects:—

Physical mixtures and thermal analysis. Physical properties of metals. Alloys. Measurement of high temperatures. Typical metallurgical operations. Roasting and fusion. Electrometallurgy. Slags. Matte, bullion and speise. Refractory materials. Fuels. Combustion. Furnaces. Economics of metallurgy.

Lectures two hours per week in the First Term of the Third Year.

Text-book: Principles of Metallurgy, C. H. Fulton.

Reference books: General Metallurgy, H. O. Hofman; Current Mining and Metallurgical Journals; Trade Catalogues.

Fire Assaying.—Quantitative determination of Gold, Silver, Lead and Platinum, by fire assay methods, with underlying principles.

Lectures and laboratory work four hours per week throughout the Third Year.

Text-book: Manual of Fire Assaying, C. H. Fulton.

DEPARTMENT OF GEOLOGY.

Professor—R. W. Brock (on overseas service).
Acting Professor—Stuart J. Schofield.

I. **Physical Geography.**—Three hours a week, lectures and recitations, laboratory and field-work as arranged.

First Term: The land, the atmosphere, and the oceans.

College Physiography, Tarr and Martin (Macmillan).

II. **General Geology.**—Three hours a week; lectures and recitations; laboratory and field-work as arranged. Second Term: The materials of the earth, its structure, and the history of the earth, with its plant and animal inhabitants. The geology of Canada. This course should be preceded by Physical Geography.

Elements of Geology, Blackwelder and Barrows (American Book Co.).

III. **Petrography.**—Three hours a week, Second Term, one hour lecture and two hours laboratory. The work of this course consists of the microscopic study of rocks in connection with the megascopical determination of the corresponding hand specimens. The course aims to train the students to determine accurately and rapidly the different rock types met with in geological field-work.

This course must be preceded by Optical Mineralogy.

IV. **Economic Geology.**—Three hours a week, First Term. The course includes a study of the ore deposits of North America, special stress being placed on those of Canada. The classification, the structural features, and the origin of ore deposits are thoroughly discussed. This course must be preceded by Mineralogy and General Geology.

V. **Field Geology.** — Fifteen hours field-work during the session. The course is designed to acquaint the student with the ordinary methods of Field Geology. Small areas will be assigned to each student and the results of his investigations are embodied in a report and a geological map. Conferences during the progress of each student's work will be held.

The course must be preceded by General Geology and Petrography.

Mineralogy. — Two hours lectures and two hours laboratory work a week. The course is introduced by a short series of lectures on crystallography, supplemented in the laboratory by the examination of actual crystals and crystal models. The course in Mineralogy includes determinative and descriptive mineralogy, and the aim is to train the student to determine accurately and rapidly the commoner minerals by their physical and pyrognostic properties. Emphasis is placed on the association of minerals in nature and their application in the industrial arts.

DEPARTMENT OF MATHEMATICS.

Associate Professor—G. E. Robinson.
Assistant Professor—E. H. Russell.
Instructor—E. E. Jordan.

Mathematics, I.

(1) **Geometry.**—Exercises in plane geometry, elements of solid geometry and of geometrical conic sections. First Term.

Text-book: Hall and Stevens' School Geometry, Part I. to VI. (Macmillan).

(2) **Algebra.**—Miscellaneous theorems and exercises, expo-

nential and other series, properties and solutions of higher equations, complex numbers and vector algebra, graphical algebra, with an introduction to analytic geometry, indeterminate forms, limits, derivatives, slopes of curves. First Year (First and Second Terms).

Text-books: Rietz and Crathorne's College Algebra (Holt & Co.); Tanner and Allen's Analytic Geometry (American Book Co.).

(3) **Trigonometry.**—Plane and spherical. Second Term.

Text-book: Murray's Plane and Spherical Trigonometry, with tables (Longmans).

Mathematics, II.

(1) **Analytic Geometry.**—The point, straight line, circle, parabola, ellipse and hyperbola, elements of geometry of three dimensions. First Year (latter part of Second Term) and Second Year (First Term). The second-year work begins with the circle.

Text-book: Tanner and Allen's Analytic Geometry (American Book Co.).

(2) **Calculus.**—Differentiation of functions of one or more variables, successive differentiation, tangents, etc., curvature, maxima, and minima, integration, with applications to areas, volumes, moments of inertia, etc. First and Second Terms.

Text-book: Murray's Differential and Integral Calculus (Longmans).

DEPARTMENT OF PHYSICS AND MECHANICS.

Associate Professor—James G. Davidson.

Assistant Professor—T. C. Hebb.

Instructor—P. H. Elliott.

The instruction includes a fully illustrated course of experimental lectures on the general principles of Physics (embracing in the First Year, the laws of energy: heat, light, and sound;

in the Second Year, electricity and magnetism), accompanied by courses of practical work in the laboratory, in which students will perform for themselves experiments, chiefly quantitative, illustrating the subjects treated in the lectures. Opportunity will be given to acquire experience with all the principal instruments used in exact physical and practical measurements.

Physics, I.

1. **Lecture Course.**—Subject: Heat, sound and light. Two hours per week.

2. **Laboratory Course.**—Three hours per week, spent in practical measurements in conjunction with the lecture courses.

Text-books: Draper's Advanced Heat; Deschanel's Sound and Light (Renouf Publishing Co.).

Physics, II.

1. **Electricity and Magnetism.**—Lecture course two hours per week.

2. **Laboratory Course.**—Three hours per week. (*a*) Magnetism and Electricity. Measurements of pole strength and moment of a magnet; the magnetic field; methods of deflection, and oscillation; comparison of moments and determination of the elements of the earth's magnetism.

(*b*) Current Electricity: A complete course of measurements of current strength, resistance, and electromotive force; calibration of galvanometers.

Text-book: Brooks and Poyser, Electricity and Magnetism (Macmillan).

Mechanics, I.

An elementary course in Dynamics, Statics, and Hydrostatics. First and Second Terms.

Text-book: Loney's Mechanics and Hydrostatics for Beginners (Cambridge University Press).

Mechanics, II.

The course includes the general principles of statics, and of the dynamics of a particle. Motion of a particle under varying force is considered and a knowledge of both differential and integral calculus is essential. Simple harmonic motion is considered (taking the oscillation of springs and pendulums in illustration), and numerous applications of the principles dealt with are worked out.

Three lectures per week, Second Term.

Text-book: J. Duncan, Mechanics for Engineers.

Mechanics, III.

An extension of the work of Mechanics II., to include the equations of motion of a rigid body in two dimensions; practical problems on rotating and oscillating bodies, the elementary consideration of the gyroscope, etc.

Two hours per week, First Term.

DEPARTMENT OF ENGLISH.

English, I.

English Composition.—In view of the importance of accuracy of expression in the case of those engaged in scientific or professional work, a course on English Composition is prescribed for all undergraduates of the First Year. Students who give evidence of having already reached the required standard of efficiency by passing a special exemption examination, may be excused from attendance on this course. This special examination will be held on Tuesday, October 3rd, at 11 o'clock.

Satisfactory results in class and essay work must be obtained before entry into the Second Year. All undergraduates of the First Year, whether exempt or not from attendance on the course, must pass the final examination.

In connection with this course the following text-books may be used: Carpenter's Rhetoric and English Composition (Macmillan); Wooley's Handbook of Composition (Heath).

English, II.

Summer Reading.—(See page 85.)

MILITARY TRAINING.

As the University of British Columbia is a public institution supported by state funds, and as the physical exercise, discipline, organization, and study of military science are highly beneficial to the student, Military Training for two sessions is compulsory upon all male students.

Permission has been given by the Militia Headquarters to organize a contingent of the Canadian Officers' Training Corps, in order that the training taken at the college may qualify students to rank in the Canadian Militia as officers without further training. A contingent of the Officers' Training Corps is a unit of the Active Militia, but is governed by special regulations. It cannot be called out for active service, but all qualified members, if not attached to any militia corps, are placed on the Officers' Reserve List of Canada. Certificates of proficiency are issued to members who qualify. These certificates are of two classes, "A" and "B," "A" certificate being given to those who spend two years with the Corps as efficient members, and "B" certificate to those who spend three or more years as efficient members.

Members to qualify must attend all drills and lectures for a minimum period of two Sessions and pass certain examinations.

A certificate of proficiency entitles the holder to rank as an officer in the Canadian Militia without further training.

On attaining Class "A" certificate a student will be exempt from further training, but students are advised to continue training.

The time devoted to military training will be two hours per week.

HONOR ROLL

of Enlistments for Active Service in the Great War.
June, 1916.

MEMBERS OF THE STAFF.

Major Reginald W. Brock,
Lieut. Harry T. Logan
Dr. Stuart J. Schofield.

UNDERGRADUATES.

Anderson, Allan Jardine
Anderson, Claude William
Anderson, John Alexander
Baxter, Fred Rowland
Berry, Edward Weldon
Best, Edgar L.
Bickell, William Albert Bird
Bunn, Raymond S.
Cameron, Hamish Johnston
Carter, Bayard
Clark, George Savage
Clement, Carleton Main
Cline, Harold MacKechnie
Coates, Wells Wintemute
Coughlan, Joseph Clare
Creery, Cuthbert John
Creery, Kenneth Andrew
Creery, Ronald Hulbert
Creighton, Charles P.
Cross, George Carmichael
Crute, Ebenezer
Dawe, William Albert
Desbrisay, Harold Archibald
DesBrisay, Merrill
Dixon, George Clapham
Duncan, Charles Andrew
Dustan, Alexander Boyle
Elliot, Lachlan McLean
Ellison, Price
Emmons, Edward
Evans, Charles Sparling
Fountain, George Frederick

Fowler, Grant
Frampton, Cecil Selwyn
Frampton, Geoffrey
Fraser, George Lyall
Galbraith, Samuel Tait
Gibson, Harold Alexander Frater
Gibson, Thomas Ian
Gillie, Kenneth Beresford
Goodman, Edwin Monro
Gordon, Alva McIntyre
Graig, Gordon
Hardie, Charles Mawer
Harvey, Oliver Colin
Heynen, Robert Harry
Holmes, Albert Thomas Franklin
Hoult, John H.
Hughes, Norman Vincent
Hurst, Allan McLean
Jackson, Arnold
Jeffs, William Armour Cowan
Johannson, Joseph Soemunder
Johnston, Harry Lloyd
Kerne, Geoffrey Norman
Kerr, John Harold
Lambert, Noel Dudley
Lawrence, James Lyle
Lawson, Duncan MacDonald
Le Messurier, Ernest
Letson, Harry Farnham Germaine
Lett, Sherwood
Livingstone, Warren
Lord, Ernest Ellis
Macfarlane, Comrie Vernon Hastings
MacLennan, Kenneth Finlayson
MacPherson, Gordon Angus
Mathers, Wilford Wilsie
Maxwell, William Forrest
Mayers, James Christian Francis
McAfee, Weldon Robert
McIlvride, Robert
McNamara, Joseph Albert
McLelan, Allan Gordon Wilson
McLellan, Willard Gilmore
McLeod, William Ray
McPhalen, Hugh Cornelius
McPherson, Ralph Stewart
McTavish, Alexander Morrison
Meekison, Donald Murray
Merrill, Gerald Herriman

Miller, Arthur Harold
Miller, Clive
Milton, Ernest Lytle
Munro, Alexander
Murray, Kenneth William
Palmer, Richard Claxton
Pim, Edgar Henry
Plummer, Stephen Becher
Powell, Fitzhenry Townsend Scudamore
Rae, Douglas Henderson
Ritchie, Rae George
Sclater, James Loutit
Scott, Gordon Wood
Scott, Seaman Morley
Seidelman, Edward Joseph
Sexsmith, Franklin Frederick Burrows
Shearman, Thomas Stinson Becket
Simonds, Robert Hazlette
Smeeton, Joseph Thomas
Smith, Laurence Bardbury
Southcott, James Percy Caldwell
Stephen, John Forrest
Stewart, Earl Richard
Taylor, Ivan Marcus
Thompson, Andrew B.
Thompson, Douglas Lionel
Timberlake, Morley
Traves, Charles Wesley
Traves, Edmund Cornelius
Waddington, George Wilfred
Walkinshaw, Wingate Robertson
Wallace, Bryce Howie
Wallis, Preston R. M.
Weart, James F.
Wilson, Conrad
Wilson, Frank Robinson
Wilson, Robert Morris
Wilson, William Cochrane
Wilkinson, Elmo Charles
Woodward, Eric Raymond
Wright, Douglas A.

ALPHABETICAL LIST OF STUDENTS AND ADDRESSES

FACULTY OF ARTS.

FIRST YEAR.

Undergraduates.

Name.	*Home Address.*
Aconley, William Thorne	Vancouver.
Alexander, Merle Helena	Eburne.
Anderson, Allan Jardine	Vancouver.
Bain, Janet Burnett	Vancouver.
Ballentine, Ellen May	Vancouver.
Barnwell, George Francis	Vancouver.
Bennett, Illma Lois	Vancouver.
Boyer, Ethel Maud	Vancouver.
Boyes, James Thomas	Vancouver.
Brown, Magnus Forbes	Vancouver.
Calbick, Isabelle Caroline	Vancouver.
Cameron, Margaret Marion Burleigh	Vancouver.
Campbell, Lila Catherine	Vancouver.
Clark, George Savage	Vancouver.
Cline, Harold MacKechnie	Vancouver.
Colgan, Harry Wilfred	Vancouver.
Cosgrave, May	Vancouver.
Costley, Muriel Helen	Kamloops.
Cox, Stafford Albert	Vancouver.
Creery, Leslie Charles	Vancouver.
Cuthbert, Mary Elizabeth	Vancouver.
Dalton, Clara Belle	Vancouver.
Damer, Margaret Agnes	Vancouver.
Dockrill, Agnes Melrose	New Westminster.
Duffus, Catherine Mary	Vancouver.
Dunlop, Harry Adam	Vancouver.
Elliott, Marjorie Louise	Collingwood West.
Emmons, Richard Conrad	Vancouver.
Evans, Charles Sparling	New Westminster.
Forin, Isabel Dunn	Nelson.
Fraser, Joseph Gordon	Vancouver.
Gamey, Harold Wesley	Vancouver.
Gamey, Herbert Thomas	Vancouver.
Gill, Margaret Susannah	North Vancouver.
Gillespie, Roy Meredith	Patricia.
Gintzburger, Pauline Emma	Vancouver.

Name.	*Home Address.*
Gislason, Einar	Bella Bella.
Graham, Christina Margaret	Vancouver.
Greer, Thomas Hyland	Vancouver.
Gregg, Elwyn Emerson	Vancouver.
Gross, Alice Stockton	Vancouver.
Hardwick, Jean Rees	Vancouver.
Hawe, Elsie Vera	Vancouver.
Highmoor, Constance Elizabeth	Vancouver.
Hill, Annie Graham	Vancouver.
Hokkyo, Junichi	Japan.
Hosang, Inglis	Vancouver.
Howard, Adele Josephine	South Vancouver.
Hurst, Allan McLean	Vancouver.
Jamieson, Muriel Weeks	Vancouver.
Johnston, Katharine Sabrina	Vancouver.
Johnston, Lyle Clinton	South Vancouver.
Keenleyside, Hugh Llewellyn	Vancouver.
Kelman, Mildred Alice	Vancouver.
Kerr, Donna Enid	Duncan.
Ketcheson, Laura Marguerite	Hatzic.
Kirk, Norman Leslie	South Hill.
Larson, Rudolf Axil	North Vancouver.
Lawrence, Glover Samuel	Murrayville.
Layton, Bessie Bacon	Vancouver.
Leckie, Claude Perrin	Vancouver.
Letson, Edith Christine	Vancouver.
Lord, Arthur Edward	Vancouver.
Lyness, Dora Isabel	Eburne Station.
Lyness, Mildred Irene	Eburne Station.
MacFarlane, Comrie Vernon Hastings	Point Grey.
MacKenzie, Christena Annabel	Flat River, P. E. I.
MacLeod, William Ray	Atchelitz, B. C.
MacMillan, Laura Jean	Vancouver.
Matheson, Agnes Helen	Vancouver.
Maynard, Catherine Easterby	Vancouver.
McAfee, Weldon Robert	Vancouver.
McAlpine, Dugald John	Vancouver.
McConnell, Adeline Louise	Vancouver.
McCusker, Dorothy Victoria	Vancouver.
McDougall, Wilfred Robinson	Vancouver.
McGregor, Phebe Lewis	Vancouver.
McKay, Evelyn Christiana	Goldbar, Wash.
McKechnie, Donald Cowan	Eburne Station.

Name.	*Home Address.*
Merrill, Gerald Herriman	Vancouver.
Milley, Chesley Ernest	Vancouver.
Milley, Myrtle Ellen	Vancouver.
Moore, Guy Borthwick	Vancouver.
Murphy, Eldred Almack	Vancouver.
Mutch, Eva Margaret Ysobel	Vancouver.
Neill, Chester Richard	Vancouver.
Nelson, John Cecil Thomas	Vancouver.
Newberry, Hazard Pierce	Vancouver.
O'Brien, Andrew Willis	Vancouver.
O'Connor, Regina Bernadette	Vancouver.
Peck,, Marjory Gowan	Vancouver.
Pedlow, Gladys Lillian	Vancouver.
Ray, Godfrey Henry	Vancouver.
Renwick, Jean Annie Ovens	Eburne Station.
Riddell, William Hugh	Vancouver.
Ritchie, Hazel Mervyn	Kelowna.
Rollston, Eva Jean	Vancouver.
Selkirk, Thomas Robert	Vancouver.
Shimizu, Kosaburo	Vancouver.
Sidney, Ruby Gertrude	Vancouver.
Simpson, Jean Brown	Vancouver.
Smith, Charles Duncan	Vancouver.
Stewart, Earle Richard	Vancouver.
Tamenaga, Seiji	Vancouver.
Taylor, Sadie Alberta	Kamloops.
Thomas, Elizabeth Agnes	Vancouver.
Thomas, Isabel Martin	Vancouver.
Trapp, Dorothy Moody	New Westminster.
Turnbull, Robert Franklin	New Westminster.
Usher, Charles	Eburne Station.
Vollum, Roy Lars	Vancouver.
Watson, Annie Pirie	South Vancouver.
Watson, James	Vancouver.
Weld, Charles Beecher	Vancouver.
Wesbrook, Helen Fairchild	Vancouver.
Westwood, Douglas Arnold	Vancouver.
Wilkinson, Elmo Clifford	White Rock.
Wolfe, Miriam Bedingfield	Vancouver.
Wyllie, Eleanore Porte	Kamloops.
Wyllie, William James Else	Kamloops.

Name.	*Home Address.*
Conditioned.	
Bagnell, Janet Margaret Archibald	Vancouver.
Bell, William Sidney	Vancouver.
Bolton, Lloyd Lawrence	Vancouver.
Carson, Miriam Barbara	Vancouver.
Clarke, George Ernest Wesley	Vancouver.
Collier, Lucie Evelyn Maud	Vancouver.
Collister, Douglas Harold	New Westminster.
Conover, William Nelson	South Vancouver.
Dalgleish, Ross Ian	Kamloops.
Day, Marjorie	Vancouver.
Evans, Thomas Ewart	Vancouver.
Falconer, Nellie Milne	Vancouver.
Graham, Helen	Keremeos.
Hamilton, Robert Stanford	Victoria.
Hunter, Ellen Craig	Vancouver.
Irvine, Florence Annabel	Vancouver.
Kerr, Aleeta Ingaretha	Vancouver.
Maclennan, John McMillian	Vancouver.
McKechnie, Eberts Mills	Vancouver.
Murray, Kenneth William	Vancouver.
Palmer, William Mills	Ganges.
Patterson, Neil David	Boularderie W., N. S.
Philip, Marion Evelyn	White Rock
Pratt, Bernard Dodge	Vancouver.
Raphael, Annie Louise	Vancouver.
Richardson, Christina Gertrude	Vancouver.
Roach, Berita Gwendolyn	Agassiz.
Robson, Gwendolyn	Vancouver.
Rogers, Ruby Winifred	Vancouver.
Partial.	
Beames, William Stanley	Lausanne, Switzerla'd
Bilton, Herbert William	Rossland.
Bissett, Vera Martha	Vancouver.
Böttger, Hermine Dorothea	Vancouver.
Cumyow, Harry Won	Vancouver.
Davies, Olive Kate	Vancouver.
Fooks, Maynard Allan	Agassiz.
Larmonth, Norman Douglas Beer	Spokane, Wash.
Rive, Alfred	Vancouver.
Silk, Claude Whitehall	Penticton.
Sutcliffe, William George	Wedgewood, Rd., Edmonds.

Name.	*Home Address.*
Thompson, Hazel Marie	Vancouver.
Trorey, Gretchen Audrey	Vancouver.

SECOND YEAR.

Undergraduates.

Allardyce, William John	Vancouver.
Barclay, George Chapman	Central Park.
Bolton, Dorothea Blanchard	Vancouver.
Bradshaw, Kathryn Reade	Victoria.
Broatch, Angus Campbell	Moose Jaw.
Clarke, Norma Gates	Victoria.
Clement, Elsie Bonallyn	Vancouver.
Clyde, Paul Hibbert	Victoria.
Coy, Norah Elizabeth	Vancouver.
Cross, George Carmichael	New Westminster.
Drury, Douglas Richard	Victoria.
Fallows, Marporie Hamilton	Vancouver.
Frame, Eleanor Mary	Vancouver.
Fulton, Ruth Vivia	Vancouver.
Garesche, Maria Teresa	Victoria.
Godsmark, James Edward	Derby, England.
Grant, Isaac Edward	Vancouver.
Grant, Rena Victoria Alice	Vancouver.
Griffith, Meiriona Ellis	Vancouver.
Hamilton, Stuart Perry	Vancouver.
Harvey, Isobel	Vancouver.
Holmes, Albert Thomas Franklin	Vancouver.
Hughes, Norman Vincent	Vancouver.
Hurst, Macleod Ewart	Kerrisdale.
Jardine, Blair Gordon	Vancouver.
Kerr, John Harold	Vancouver.
MacArthur, Donald Moulton	Vancouver.
Manson, Catherine Dorothea	Mission City.
Marshall, Abraham Lincoln	Victoria.
Martin, Genevieve McKinnon	Vancouver.
McInnes, Harold Walker	Grand Forks.
McIntosh, Richard Harold	Vancouver.
Meekison, Donald Murray	Vancouver.
Morrison, Agnes McKenzie	Vancouver.
Munday, Caroline Pansy	Vancouver.
Munnings, Lydia Mabel	Kerrisdale.
Palmer, Richard Claxton	Cowichan Bay.
Robertson, Hugh Milne	Britcola.

Name.	*Home Address.*
Seidelman, Edward Joseph	Vancouver.
Shaw, Ian Alastair	Vancouver.
Stevens, Harold Remington	Victoria.
Stewart, Ruth	Vancouver.
Tennant, Marjorie	Victoria.
Thompson, Nora Kathleen	Vancouver.
Timberlake, Morley	Vancouver.
Todhunter, Jessie Florence	Vancouver.
Traves, Charles Wesley	New Westminster.
Traves, Edmund Cornelius	New Westminster.
Wilband, Hazel Grace	Vancouver.

Conditioned.

Anderson, John Alexander	Vancouver.
Bodie, Helena	Vancouver.
Böttger, Gevert Carl	Vancouver.
Boyd, Lillian Martha	Vancouver.
Castleman, Gordon Cameron	Vancouver.
Cayley, Beverley Cochrane	Vancouver.
Chatwin, Alfred Hill	Vancouver.
Dawe, Ernest Llewellyn	New Westminster.
Emmons, William Frank	Vancouver.
Francis, Henry Gascoigne	Parson's Bridge.
Henderson, Grace Kilpatrick	Vancouver.
Lawson, Duncan MacDonald	Hollyburn P. O.
Macdonald, Mary Gertrude	Vancouver.
McGuire, Stella Victorine	Vancouver.
McTavish, Alexander Morrison	Vancouver.
Meadows, George Douglas	Vancouver.
Mutch, Ethel Jean	Vancouver.
Scott, Seaman Morley	Vancouver.
Snelgrove, Dinah Hazel	Vancouver.
Swencisky, Dylora Mary	New Westminster.
Walsh, Violet Charlotte	Vancouver.

Partial.

Honeyman, Elsie Agnes	New Westminster.
McGookin, John	Ballymena, Ireland.
Page, Virginia Carter	Vancouver.

THIRD YEAR.

Undergraduates.

Abercrombie, William Thomas	Central Park.

Name.	*Home Address.*
Abernethy, Jean Barclay	Eburne Station.
Baker, Lincoln Thompson	Vancouver.
Bayley, Milton Dawson	Chilliwack.
Berto, John Clifford	Vancouver.
Best, Edgar Leslie	Cornwall, England.
Buchanan, John Murdock	Steveston.
Bunt, Heber	Victoria.
Clement, Shirley Pope	Vancouver.
Coates, Wells Wintemute	Vancouver.
Evans, Elmer	Vancouver.
Fraser, George Lovat	Vancouver.
Geoghegan, Dorothy Rachel	Somenos, B. C.
Greggor, Agnes Anne	Vancouver.
Hagelstein, Herman William	Murrayville.
Hatch, Marion Charles	Vancouver.
Johannson, Joseph Soemundur	Vancouver.
Lanning, Mabel Mary	Ladner.
Lee, Annie Winifred	Vancouver.
Manzer, Howard Lee	Silverdale.
Maynard, Margaret E.	Vancouver.
McCrimmon, May Dwyer	Vancouver.
Mennie, John Hamilton	Vancouver.
Miller, Arthur Harold	Vancouver.
Miller, Clive	Vancouver.
Morrison, Loyle Alexander	Vancouver.
Mounce, Marion Jean	Vancouver.
Muddell, Vera Emily	Vancouver.
Mutrie, Margaret Kathleen	Vancouver.
Orr, Olive May	Chilliwack.
Peck, Kathleen Margaret	Vancouver.
Pollock, Thressa Alleeta	Victoria.
Rosebrug, Josie Pearl	Vancouver.
Russell, John	Union Bay.
Smeeton, Joseph Thomas	Vancouver.
Story, Evelyn Sykes	Vancouver.
Suggitt, Maizie Anne	Vancouver.
Thomson, Wesley Chantler	Vancouver.
White, Helen Margaret	Vancouver.

Conditioned.

McTavish, Janet Lu Edna	Vancouver.
Wright, Leroy Charles	Vancouver.

Name.	*Home Address.*

Partial.

Cameron, William John	Glasgow, Scotland.
Trapp, Ethelyn	New Westminster.
Walkinshaw, Wingate Robertson	Glasgow, Scotland.

FOURTH YEAR.

Undergraduates.

Anderson, Jessie Josephine	Vancouver.
Annable, George Reynolds	Annable, B. C.
Berry, Edward Weldon	Murrayville.
Cameron, Ella Gladys	Vancouver.
Carruthers, Bertha Muriel	Vancouver.
Chapin, Florence Birkett	Vancouver.
Dick, Agnes Johnston	Nanaimo.
Duncan, Charles Andrew	Sandwick, B. C.
Dunton, Marporie Mae	Vancouver.
Elliott, Carrie Isabel	Vancouver.
Gibson, Henry James	Vancouver.
Lane, Laura Mathilda	New Westminster.
Le Messurier, Ernest	Vancouver.
Lett, Sherwood	Vancouver.
Logie, Edward S.	Point Grey.
Luckraft, Lawrence Charles	Halifax, England.
MacLeod, Jean Marie	Vancouver.
MacMillan, Isabel Gray	Vancouver.
Maxwell, William Forrest	Vancouver.
Miller, Grace Winifred	Vancouver.
Miller, Roland McLeod	Vancouver.
Mills, Lennox Algernon	Vancouver.
Mulhern, John Edward	Vancouver.
Munro, Donald Hugh	Vancouver.
Robertson, Thomas Joseph	New Westminster.
Robinson, Jean	Victoria.
Schwesinger, Gladys Clotilde Johanna	W. Point Grey.
Sexsmith, Franklin Frederick Burrows	Eburne.
Shearman, Thomas Stinson Becket	Vancouver.
Smith, David Angus	Vancouver.
Southcott, James Percy Caldwell	Vancouver.
Taylor, Edna May	Vancouver.
Thompson, Clausen A.	Vancouver.
Vermilyea, Ada Irene	Vancouver.
Walsh, Harold Edgar	Vancouver.
Wilson, Mary Letitia	Vancouver.
Wilson, William Cochrane	Vancouver.

Conditioned.

Galloway, James Robert ..... Vancouver.
Uchida, Chitose ..... Vancouver.

FACULTY OF APPLIED SCIENCE

FIRST YEAR.

Undergraduates.

Name.	*Home Address.*
Banfield, William Orson	Vancouver.
Baxter, Fred Rolland	Vancouver.
Baxter, Wilfred Ernest	Vancouver.
Bickell, William Albert Bird	Vancouver.
Callaghan, James Gordon	Vancouver.
Cameron, George Stuart	Vancouver.
Caspell, Edmund Vanderburg	Vancouver.
Day, Frederick James	Kelowna.
Dixon, George Clapham	Vancouver.
Doucet, Theodore Emile	Vancouver.
Fountain, George Frederick	Vancouver.
Gale, William Alexander	Royal Oak.
Gilchrist, George Gladstone	Point Grey.
Goodman, Edwin Monro	Vancouver.
Gray, William John	Vancouver.
Hatch, William George	Vancouver.
Le Messurier, Thomas	Vancouver.
May, John Gordon	Victoria.
McColl, Eli Stuart	Vancouver.
McDiarmid, Harry DeCew	Victoria.
McLuckie, Robert McFarlane	Vancouver.
Milton, Ernest Lytle	Vancouver.
Morrison, Donald McKay	Vancouver.
Page, Henry Nicols	Vancouver.
Pearse, Hubert Arnold	Atlin.
Tamura, Kikuichi	Steveston.

Conditioned.

Mayers, James Christian Francis	New Westminster.
McCuaig, Donald Alexander	Vancouver.
McPhalen, Hugh Cornelius	Vancouver.
Stephen, John Forest	Vancouver.

Name.	*Home Address.*

Partial.

Blair, Alexander Gilbert	Vancouver.
Fitzgerald, Herbert George	Vancouver.
McPhee, Roland	South Vancouver.

SECOND YEAR.

Undergraduates.

Austin, Clarence Ward	Kamloops.
Bullard, Lloyd Francis	Vancouver.
Carter, Bayard	Steveston.
Doell, Raymond	Rossland.
Drewry, John Haworth	Victoria.
McDonald, Gordon Roy	Victoria.
McLennan, Stanley Archibald	Vancouver.
Morgan, Theodore Harding	Victoria.
Pim, Edgar Henry	Vancouver.
Rose, Hedley Alexander	Vancouver.
Stewart, Frederick Choate	Vancouver.

Conditioned.

Gillie, Kenneth Beresford	Victoria.
McKay, Angus Howard	Vancouver.
Thompson, Douglas Lionel	Victoria.
Williams, Joseph Augustus	Whitehorse, Y. T.
Wilson, Frank Robinson	Whitehorse, Y. T.

Partial.

Bissett, Ernest Eugene	Vancouver.
Bullard, Russell Joseph	Vancouver.
Pearcy, Charles Wickham	Vancouver.

THIRD YEAR.

Undergraduates.

Letson, Harry Farnham Germaine	Vancouver.
Mellish, John Frederick	Vancouver.
Wright, Charles Alfred Holstead	Vancouver.

Conditioned.

Brown, Roland R.	Nelson.
Cairnes, Clive Elmore	Vancouver.
Lambert, Noel Dudley	Vancouver.

Partial.

McNamara, Joseph Albert	North Vancouver.
Watts, Harold Newton	Vancouver.
Wynn, Harold William	Vancouver.

STUDENTS IN ATTENDANCE—SESSION 1915-16.

Men.

Year		Undergrad's.	Cond'd.	Partials.	Total.	
Arts,	IV	21	1		22	
	III	21	1	2	24	
	II	27	12	1	40	
	I	59	14	8	81	167
Year						
Applied Science,	III	3	3	3	9	
	II	11	5	3	19	
	I	26	4	3	33	61
						228

Women.

Year						
Arts,	IV	16	1		17	
	III	18	1	1	20	
	II	22	9	2	33	
	I	61	15	5	81	151
						151
	Total					379

PASS LISTS, SESSIONAL EXAMINATIONS, 1915-16.

FACULTY OF ARTS.

Fourth Year.

MEDAL AND PRIZES—Lennox Algernon Mills, Governor-General's Medal; Edna May Taylor (proxime accessit), prize, $30.00; James Robert Galloway, second prize, $20.00.

GRADUATING CLASS.

The following, having enlisted for service overseas, are granted their degree without examination:

(Names in Alphabetical Order.)

Berry, Edward Weldon
Duncan, Charles Andrew.
Le Messurier, Ernest
Lett, Sherwood
Maxwell, William Forest.
Sexsmith, Franklin Frederick Burrows
*Shearman, Thomas Stinson Becket
Southcott, James Percy Caldwell
Wilson, William Cochrane

The following have qualified by Examination:

(Names in Order of Merit.)

CLASS I.

Mills, Lennox Algernon
Taylor, Edna May
Galloway, James Robert
Becket, Thomas Stinson
Schwesinger, Gladys Clotilde Johanna
Dick, Agnes Johnston
Vermilyea, Ada Irene
Mulhern, John Edward
Luckraft, Lawrence Charles
Anderson, Jessie Josephine.

CLASS II.

Robinson, Jean
Miller, Roland McLeod
Chapin, Florence Birkett
Walsh, Harold Edgar
Munro, Donald Hugh
Thompson, Clausen A.
Gibson, Henry James
Robertson, Thomas Joseph
Wilson, Mary Letitia
Smith, David Angus
MacLeod, Jean Marie
Logie, Edward S.
MacMillan, Isabel Gray
Cameron, Ella Gladys
Elliott, Carrie Isabel

PASSED.

Dunton, Marjorie Mae
Annable, George Reynolds
Miller, Grace Winifred
Carruthers, Bertha Muriel
Lane, Laura Mathilda
Uchida, Chitose

DOUBLE COURSE ARTS AND APPLIED SCIENCE.

ARTS DEGREE.

Class II.—Clive Elmore Cairnes.

*—Has also qualified by Examination.

FOURTH YEAR.

ENGLISH DRAMA IV.

Class I.—Schwesinger, Chapin, J. M. Macleod.
Class II.—Mulhern, C. I. Elliott, Annable, Carruthers, C. A. Thompson.
Passed.—Gibson, G. W. Miller.

FRENCH.

Class I—E. M. Taylor, Robinson.
Class II.—Dunton.
Passed—E. G. Cameron, C. I. Elliott, Uchida.

LATIN.

Class I.—M. L. Wilson.
Class II.—Dunton.

PHYSICS II.

Class I.—Dick, J. J. Anderson.

THIRD AND FOURTH YEARS.

HISTORY OF PHILOSOPHY.

Class I.—Dick, Baker, Schwesinger, Luckraft, Mulhern, Galloway and Logie and Munro.

Class II.—J. J. Anderson, M. L. Wilson, Best, I. G. MacMillan, C. Miller, G. L. Fraser, Bayly.

Passed—Annable, Carruthers, Lane, W. J. Cameron and Hagelstein.

LATIN.

Class I.—Mills and Taylor, Mennie, Shearman, Munro and Russell.

Class II.—Story, Robertson and Vermilyea, Bayly, Gibson, Abercrombie and Lanning and Pollock, Carruthers.

Passed.—Bunt, Buchanan, G. W. Miller, M. E. Maynard McCrimmon.

GREEK.

Class I.—Vermilyea, Luckraft.

Class II.—Gibson, D. A. Smith.

Passed.—W. J. Cameron.

ECONOMICS.

Class I.—Mills and Schwesinger, Baker and G. L. Fraser and Mulhern.

Class II.—R. M. Miller and Munro, W. C. Thomson, T. J. Robertson and H. E. Walsh, E. G. Cameron and C. A. Thompson, E. S. Logie.

Passed.—Berto, J. M. Macleod.

HISTORY.

Class I.—Galloway and Mills, Mulhern, Dick.

Class II.—Hagelstein, Chapin, J. J. Anderson and S. P. Clement and D. A. Smith, Orr and K. M. Peck and E. Trapp, Robinson, C. I. Elliott, I. G. MacMillan, E. Evans, T. J. Robertson and Rosebrugh and W. C. Thomson, Abercrombie and E. G. Cameron and Lane, J. M. Macleod, Geoghegan and H. E. Walsh, Annable and E. S. Logie.

Passed.—R. M. Miller, G. W. Miller, Uchida, Berto, Lee.

Physics.

Class I.—R. M. Miller, C. A. Thompson and H. E. Walsh.

Class II.—Bunt.

Passed.—E Evans, Berto and C. Miller, L. A. Morrison, M. C. Hatch, L. C. Wright.

FACULTIES OF ARTS AND APPLIED SCIENCE.

THIRD AND FOURTH YEARS.

MINERALOGY.

Class I.—C. E. Cairnes, J. R. Galloway.

Class II.—C. Thompson, T. Shearman.

Passed.—C. A. Wright, H. N. Watts.

FACULTY OF ARTS.

THIRD YEAR.

PRIZES.—John Hamilton Mennie, first prize, $25.00; John Russell, second prize, $15.00.

The following having enlisted for overseas service, are granted their standing:—Coates, Johannson, Miller.

The following, having enlisted for overseas service, will be permitted to graduate in one year:—Smeeton, Walkinshaw.

Results of Examinations.

Class I.—Mennie, Russell, Baker, Mounce, Peck.

Class II.—Orr, Bayly, Fraser, Abernethy, W. C. Thomson, Suggitt, Clement, Story, White, Wright, Hagelstein, Geoghegan and Lanning, Pollock, Evans, Best (s), Rosebrugh.

Passed.—Greggor, Abercrombie and Buchanan and Miller, Bunt, Morrison, McCrimmon, Muddell, Lee, Maynard, Hatch (s), Mutrie (s), McTavish (s), Manzer (s), Berto (s).

(s) Indicates Supplemental Examinations.

ENGLISH COMPOSITION.

Class I.—Galloway and K. M. Peck, Best, Abernethy, Mennie and Mounce and Story, Orr.

Class II.—W. J. Cameron, Geoghegan, Bayly and Mutrie, Suggitt, Baker and Pollock, Clement and G. L. Fraser, Bunt and M. Maynard and Muddell and Russell and White, McCrimmon.

Passed.—Abercrombie and W. C. Thomson, Buchanan and Roseburgh, M. C. Hatch and Lanning, Manzer and C. Miller, L. A. Morrison, Lee and L. C. Wright, E. Evans and Hagelstein, J. L. E. McTavish, Berto.

PROSE WRITERS BEFORE DRYDEN.

Class I.—K. M. Peck, Pollock and White, Mounce, G. L. Fraser, Suggitt and W. C. Thomson.

Class II.—Russell, Geoghegan, Best, Bayly and McCrimmon, Orr, M. C. Hatch and Lanning and Story, Abernethy, Buchanan and Muddell, Rosebrugh.

Passed.—S. P. Clement and M. E. Maynard and L. A. Morrison, Mutrie, Greggor, W. J. Cameron and Lee, J. L. E. McTavish, Manzer, Berto.

DRAMA

Class I.—Mounce, K. M. Peck, White.

Class II.—McCrimmon and Pollock, Bayly and G. L. Fraser, Suggitt, Story, Orr, Best and S. P. Clement and W. C. Thompson, Muddell, Abernethy, Lanning and Russell.

Passed.—M. C. Hatch, Greggor, Geoghegan, Buchanan and M. E. Maynard, Uchida, Lee and L. A. Morrison, Mutrie, Rosebrugh, McTavish.

FRENCH.

Class II.—Mounce, Abernethy and S. P. Clement, Geoghegan and K. M. Peck.

Passed.—Story, Suggitt, White, McCrimmon, Abercrombie, Pollock, Muddell.

GERMAN.

Passed.—K. M. Peck, Muddell, Hagelstein.

ANALYTIC GEOMETRY.

Class I.—Mennie and Russell,

Class II.—Orr, Buchanan.

Passed.—Maynard.

CALCULUS.

Class I.—Mennie, Orr, Russell.

Class II.—Buchanan.

Passed.—M. E. Maynard.

SECOND, THIRD AND FOURTH YEAR ARTS, THIRD YEAR SCIENCE

HISTORICAL GEOLOGY.

Class I.—L. A. Mills and E. Taylor, L. Baker, and A. I. Vermilyea.

Class II.—H. White, P. Rosebrugh, C. E. Cairnes and F. Chapin and H. J. Gibson, J. Galloway and J. Macleod and M. J. Mounce and M. Suggitt, J. Abernethy, H. R. Stevens, L. Luckraft.

Passed.—H. E. Walsh, W. Lee, A. H. Chatwin and L. A. Morrison, Lanning and T. J. Robertson, A. Greggor and J. L. McTavish and J. Todhunter, M. Wilson, M. Dunton, H. Bunt, B. C. Cayley, E. M. Frame and Manzer, T. Garesche and I. MacMillan and K. Mutrie and E. C. Traves and V. C. Walsh, and Lane and Uchida.

SECOND, THIRD AND FOURTH YEAR ARTS, AND SECOND AND THIRD YEAR SCIENCE.

CHEMISTRY II.

Class I.—J. H. Mennie and J. Russell, D. R. Drury, T. S. B. Shearman.
Class II.—C. E. Cairnes, C. A. Wright, L. C. Wright.
Passed.—A. H. McKay.

SECOND, THIRD AND FOURTH YEARS ARTS, AND THIRD YEAR SCIENCE.

CHEMISTRY III.

Class I.—T. S. B. Shearman.
Class II.—D. R. Drury.
Passed.—C. A. Wright, and L. C. Wright.

CHEMISTRY IV.

Class I.—C. A. Wright, D. R. Drury, J. R. Galloway, L. C. Wright.
Class II.—E. Evans.
Passed.—H. N. Watts, C. Miller.

FACULTY OF ARTS.

SECOND YEAR.

PRIZES.—Abraham Lincoln Marshall, first prize, $25; Caroline Pansy Munday, second prize, $20; Harold Remington Stevens, third prize, $15.

The following students, having enlisted for service overseas, are granted their standing:—J. A. Anderson, *Cross, Holmes, Hughes, Kerr, Lawson, *Palmer, Scott, *Seidelman, Timberlake, C. W. Traves.

* Also qualified by examination.

The following students having enlisted for service overseas, will be permitted to graduate in two years:—McTavish, Meekison.

Results of Examinations.

Class I.—Marshall, Munday, Stevens.

Class II.—Palmer, R. V. A. Grant, Barclay, Clyde, Munnings, Hamilton, Griffith, Drury (s), Fulton, Godsmark, Wilband, Seidelman, Emmons (s), I. Harvey, A. M. Morrison, Todhunter, Caley (s) and Robertson and Tennant, McInnes, Cross, Allardyce, Bradshaw.

Passed.—Clement and Garesche (s), and Mutch, Bodie (s), Coy, N.K. Thompson, Hurst, Broatch and I. E. Grant, Martin, Bolton, Manson, Chatwin, Clarke, Stewart (s), Henderson (s), Frame, Fallows and McGuire (s), Macdonald (s), Walsh (s), McIntosh (s), Boyd (s), MacArthur (s), and Snelgrove (s), Castleman (s), E. C. Traves (s).

(s) Indicates Supplemental Examinations.

COMPOSITION.

Class I.—Munday, R. C. Palmer, Munnings and Stevens and Todhunter, Clyde and Coy and Griffith and Harvey and McGookin.

Class II.—I. E. Grant, A. M. Morrison, Marshall, Wilband, E. J. Mutch, and H. M. Robertson, Cross and R. V. A. Grant, Fulton and Martin, Godsmark, Garesche and Snelgrove.

Passed—Seidelman, Bradshaw and Cayley and Frame and V. C. Walsh, Bodie and Manson and Tennant, N. G. Clarke, and N. K. Thompson, McGuire, S. P. Hamilton and Hurst and McInnes, D. Bolton and Henderson and M. G. Macdonald, Drury, Broatch and MacArthur and McIntosh and R. Stewart, Boyd and E. B. Clement, Castleman and W. F. Emmons, Chatwin, Allardyce, G. C. Bottger, Barclay and Fallows and Francis.

ENGLISH LITERATURE.

Class I.—Munday, R. V. A. Grant, Todhunter, Clyde and I. Harvey, and Wilband, Stevens.

Class II.—Marshall and Munnings. R. C. Palmer, Bradshaw and S. P. Hamilton, Garesche, Bodie and A. M. Morrison and McGookin, Frame, Godsmark, Griffith, and Thompson, I. E. Grant, Coy and Cross and Henderson.

Passed.—Cayley and Drury and Manson and McInnes and Seidelman, Hurst and Tennant and V. C. Walsh, Broatch and Hickey and H. M. Robertson, Fulton, E. B. Clement and E. J. Mutch, D. Bolton and M. G. Macdonald, and McGuire and E. C.Traves, Martin and Snelgrove, Barclay and N. G. Clarke and Castleman, Boyd and Fallows, R. Stewart, Allardyce and Chatwin, MacArthur, W. F. Emmons.

ECONOMICS.

Class II.—Clyde and Todhunter, Stevens, S. P. Hamilton, and A. M. Morrison, Bradshaw, Cross and Snelgrove.

Passed.—Bodie and Boyd and Coy and R. Stewart, Munnings and Ten-

nant, Henderson, D. B. Bolton.

HISTORY.

Class I.—Clyde, Baker, and S. P. Hamilton, and Munnings, and Snelgrove and Stevens.

Class II.—D. Bolton, and Cross, and Todhunter, and R. Stewart, Bodie, and A. M. Morrison, Coy, Tennant, Boyd, Bradshaw, Henderson.

FRENCH.

Class I.—Griffith, Munnings, and R. C. Palmer.

Class II.—R V. A. Grant, Stevens, Clyde, Wilband.

Passed.—McGuire, Fallows, Bradshaw, Bodie and Broatch, Garesche, Coy, and Henderson, Allardyce, and W. F. Emmons, and Hurst, M. G. Macdonald, and Tennant, E. B. Clement N. K. Thompson, Martin, Frame, and MacArthur, Boyd, N. G. Clarke and L. C. Wright. E. C. Travesand C. Tupper.

GERMAN.

Class I.—Griffith.

Class II.—Munnings, I. Harvey.

Passed.—A. M. Morrison, Coy, Boyd.

GREEK.

Class I.—Seidelman, Barclay, and Godsmark, Hamilton.

Passed.—V. C. Walsh, I. E. Grant, McGookin.

LATIN.

Class I.—Munday and Tennant, Fulton, Barclay and S. P. Hamilton.

Class II.—Marshall and McInnes, R. V. A. Grant, S. P. Clement, and Clyde and Seidelman, Garesche and Godsmark and A. M. Morrison, Stevens, M. E. Hurst.

Passed.—I. E. Grant and Wilband, N. G. Clarke and Harvey and E. J. Mutch, Cross, Bradshaw, Cayley and R. Stewart, Castleman, D. B. Bolton, McGuire, H. M. Robertson and N. K. Thompson, Bodie and Martin, Fallows, Broatch, Manson, Henderson and McGookin and Todhunter, Chatwin, Francis, V. C. Walsh.

ADVANCED LATIN.

Class I.—Munday.

Class II.—Barclay, R. Stewart, Fulton and Seidelman.

LOGIC.

Class II.—Griffith, McInnes, Wilband, E. B. Clement, and Godsmark and Munday, Broatch.

Passed.—Seidelman, McGookin, Manson, Fallows and Hurst, E. J. Mutch, M. G. Macdonald, I. E. Grant, Hokkyo and McGuire.

PSYCHOLOGY.

Class I.—Schwesinger, Wilband, Munday.

Class II.—E. B. Clement, and Godsmark, Broatch, Manson, Fallows, and M. G. Macdonald and McInnes, and E. J. Mutch, Griffith and Hurst and Seidelman.

Passed.—McGookin and A. M. Morrison, I. E. Grant and McGuire, Dawe.

ALGEBRA.

Class I.—Marshall.

Class II.—Pallmer, E. J. Mutch.

Passed—McIntosh, W. F. Emmons, Drury, McInnes, Fulton, MacArthur, Dawe.

PHYSICS.

Class I.—W. F. Emmons, Marshall, Cayley, Munday, Allardyce and H. M. Robertson.

Class II.—MacArthur, Chatwin.

Passed.—Snelgrove, Castleman.

FIRST AND SECOND ARTS AND SECOND SCIENCE.

CHEMISTRY I.

Class I.—A. L. Marshall, R. C. Palmer, T. W. Morgan, F. C. Stewart, G. C. Barclay, D. C. McKechnie.

Class II.—W. F. Emmons, R .Fulton, R. Grant, and M. Jamieson, J. Allardyce and V. M. Martn, R. L. Vollum, L. F. Bullard and N. K. Thompson, R. Doell, and G. R. McDonald and H. M. Robertson, Gillespie and C. W. Silk, J. G. Fraser and A. Rive and R. Sidney, E. Wilkinson.

Passed.—G. F. Barnwell and R. H. McIntosh, L. L. Bolton and N. Clarke and G. Cross and S. Tamenaga, J. H. Drewry and I. Harvey, N. Ballentine, W. T. Aconley, D. Manson, T. E. Evans and C. B. Weld, D. Bolton and Cumyow and E. Frame and R. O'Connor, S. A. McLennan and H. A. Rose and E. C. Traves and J. A. Williams, D. Kerr, G. E. W. Clarke and C. Milley and C. R. Neill, A. Hill.

FIRST YEAR ARTS.

SCCHOLARSHIPS AND PRIZES.—Constance Elizabeth Highmoor, first scholarship; Pauline Emma Gintzburger, second scholarship; Isabel Martin Thomas, third scholarship; Elizabeth Agnes Thomas, first prize, $15; Kosaburo Shimizu second prize, $10.

The following students, having enlisted for overseas service, are granted their standing: A. J. Anderson, G. S. Clark, Cline, C. S. Evans, A. M. Hurst, McAfee, E. R. Stewart, Murray.

The following student, having enlisted for overseas service, is permitted to graduate in three years: Macfarlane.

RESULTS OF EXAMINATIONS.

Class I.—Highmoor, Gintzburger, I. M. Thomas, E. A. Thomas, Shimizu, Duffus, M. E. Milley, Calbick, E. C. McKay.

Class II.—A. P. Watson, Dalton, Rive (s), Gillespie (s), Jamieson, Wesbrook, Fraser, Costley (s), Cosgrave and Hosang, D. C. McKechnie, Greer, Vollum, Sutcliffe, M. M. B. Cameron and Wilkinson, Sidney, Bain, McGregor, Dockrill, Gislason and Leckie, Lord, E. P. Wyllie (s), W. R. MacLeod, Peck (s), Gross and Murphy.

Passed.—Keenleyside (s), and H. W. Gamey, Elliott, Howard, W. J. E. Wyllie (s), Gregg, Layton, D. E. Kerr, Usher, R. C. Emmons, Weld (s), O'Connor, Hill (s), Letson (s), McDougall, Ballentine (s), and H. T. Gamey, Rollston, Aconley, Ketcheson (s), Kelman (s), Maynard, Brown and L. C. Johnston and C. E. Milley (s), Matheson (s), Forin, Westwood, Barnwell, Cumyow (matric), and Robson, Carson (s) and Cox and Gill (s), K. S. Johnston, Bolton (s) and Hardwick (s) and MacKenzie (s), Hokkyo and Philp (s), Ray (s), Mutch (s), Hunter (s), Campbell, Irvine s), Simpson (s), Boyer (s), D. M. Trapp (s), Day (s) Alexander (s), Watson (s), Riddell (s), Collier (s), Neill (s), Lawrence (s), Roach (s), Rogers (s), G. E. W. Clarke (s), Graham (s) Wolfe (s), Hawe (s), Damer (s), Kirk (s), D. L. Lyness (s), Nelson (s), Bell (s), T. E. Evans (s), Hamilton (s).

(s) Indicates Supplemental examination.

ENGLISH COMPOSITION.

Class I.—R. S. Hamilton, E. C. McKay, M. M. B. Cameron, Ketcheson and Wesbrook, Gintzburger.

Class II.—J. G. Fraser, and Hill and A. P. Watson, Ballentine and Paterson and Shimizu, Hosang and Keenleyside and Leckie, Calbick and Highmoor and E. A. Thomas and Rive, E. C. Letson and Usher, Cosgrave and Costley and Jamieson, H. W. Gamey and L. C. Johnston, L. L. Bolton and Gillespie and Nelson, Gregg and Hardwick and Matheson and Ray, Alexander and O'Connor and Rollston and Sutcliffe, C. E. Maynard and Sidney.

Passed.—Rogers and Wilkinson, Duffus and M. L. Elliott and K. S. Johnson, and Philip and Robson, Greer and M. E. Milley and Riddell and J. Watson, Bain and Barnwell and H. T. Gamey and W. R. MacLeod and Simpson and Westwood and E. P. Wyllie, Beames and H. D. Bottger and Irvine and E. M. Mutch, Collier and Lord and Hawe and W. J. E. Wyllie T. E. Evans and Gill and Kirk and Lawrence and McDougall and Renwick, M. F. Brown and Damer and Forin and D. E. Kerr, Bell and Carson and C. E. Milley and M. G. Peck and S. A. Taylor and Wolfe, Howard and Roach, Hokkyo and D. I. Lyness, Milton and G. E. W. Clarke and Cox

and Larmouth and McGregor and Vollum, Cumyow and Tamenaga, Kelman and MacKenzie andC. D. Smith, Boyer and M. Day and Layton and D. M. Trapp, Campbell and Hunter, Gross and McCusker and Murphy and Weld, R. C. Emmons and Gislason, Aconley and Dockrill, C. Graham, D. C. McKechnie, Dalton.

HISTORY.

Class I.—Gintzburger, and R. S. Hamilton and Hosang and Keenleyside, and Rollston, and Sidney.

Class II.—Beames, Bain, and M. M. B. Cameron, and Carson and Damer, and J. G. Fraser, and Gillespie and M. E. Milley, and A. P. Watson, and Wesbrook, Ballentine and Costley and Duffus and H. W. Gamey, and Highmoor, and Irvine and E. C. Letson, and McGregor, and Murphy and M. G. Peck, and Philp, and C. D. Smith and Usher and J. Watson, and E. P. Wyllie, Alexander and Barnwell, and Cosgrove, and Forin, and H. T. Gamey, and Gill and Gislason, and Greer, and Gross, and Hardwick, and Jamieson, and K. S. Johnston, and L. C. Johnston, and D. E. Kerr, and Ketcheson, and Larmouth, and Leckie, and McDougall, and E. C. McKay, and D. C. McKechnie, and C. E. Milley, and E. J. Mutch and Patterson and Rive, and Riddell, and Shimizu, and Simpson, and E. A. Thomas, and Wilkinson, Boyer, and L. L. Bolton, and H. D. Bottger, and M. F. Brown, and Campbelll, and G. E. W. Clarke, and Dalton, and M. L. Elliott, and C. Graham, and Gregg, and Kirk, and Lawrence, and Layton, and Lord, and C. E. Maynard, and O'Connor, and Roach, and Sutcliffe, and S. A. Taylor, and Westwood, and Wolfe, and W. J. E. Wyllie.

Passed.—Aconley, and Bell, and Bilton, and Calbick, and Cox and M. Day, and Dockrill, and R. C. Emmons, and Hawe and Hokkyo, and W. R. MacLeod, and Neill, and Robson, and Rogers, and E. R. Stewart, and Vollum, and Weld, Cumyow, and T. E. Evans, and Howard, and Hunter, and Kelman, and E. M. Mutch, and Ray, and Tamenaga, Collier, and D. I. Lyness and MacKenzie, and G. D. Meadows, Nelson and Renwick, and D. M. Trapp, Matheson.

ENGLISH LITERATURE.

Class I.—M. M. B. Cameron, A. P. Watson, Sidney, R. S. Hamilton and Hill, E. A. Thomas, Costley, and J. G. Fraser.

Class II.—Gintzburger, Jamieson, Alexander, E. C. McKay, and Usher, Rive, and Duffus, C. E. Maynard, and Shimizu, Ballentine, Highmoor, Damer and Keenleyside, and Rollston, and Wesbrook, Cosgrove, and E. C. Letson, Calbick, K. S. Johnson, and D. E. Kerr, and E. M. Mutch, and McGregor, Boyer, and Ketcheson, and M. E. Milley, Gillespie, and Philp, and Sutcliffe and Wilkinson.

Passed.—Carson, and Collier, and Dalton, and Matheson and E. P. Wyllie, M. L. Elliott, and Riddell, H. W. Gamey and MacKenzie, and

Robson, Bain and Forin, and Howard, Kelman, and Layton, and O'Connor, and M. G. Peck, and D. M. Trapp, and Wolfe, Gross, and Vollum, H. T. Gamey, and Hosang, and S. A. Taylor, H. D. Bottger, and Gill, and Hardwick, and D. I. Lyness, and McDougall, Bilton, and Gislason, and L. C. Johnston, and Simpson, Lord and Ray, and Westwood, M. Day, and Lawrence and W. R. MacLeod, Cumyow, and Dockrill, and Greer, and Roach, and J. Watson, Irvine, and C. E. Milley, Barnwell, and Leckie, C. Graham, and Tamenaga, Rogers, and W. J. E. Wyllie, M. F. Brown and Campbell and Murphy, Nelson, G. E. W. Clarke, and Cox, and R. C. Evans and Gregg, and Hawe, and Patterson, Hokkyo and McKechnie, and Aconley and Bell.

FRENCH.

Class I.—Gintzburger.

Class II.—Highmoor, E. A. Thomas, A. P. Watson, E. C. McKay, and M. E. Milley, Gislason.

Passed.—Bain, and Hosang, and I. M. Thomas, Sidney, Dalton, and McGregor, Calbick, and Costley, and Gross, Layton, and E. C. Letson, Lord and M. G. Peck, Cosgrave, Matheson, Boyer, and Carson, and Forin, and Hardwick, and Wesbrook, Duffus, Leckie, and Murphy, Greer, and Hill, and Hunter, and Irvine, and Kelman, Philp, and Wolfe, and W. J. E. Wyllie, J. G. Fraser, and O'Connor, Aconley, and H. D. Bottger, and Collier, and Gill, and Jamieson, D. C. McKechnie, Dockrill, and Gillespie, and Howard, and L. C. Johnston, Roach, M. L. Elliott, and C. Graham, and K. S. Johnston, and W. R. MacLeod, and Ray, and Rogers, and Vollum, and Westwood, and E. P. Wyllie, Alexander, and Barnwell, and Bolton, and M. F. Brown, and M. M. B. Cameron, and Cumyow, and H. W. Gamey, and Gregg, and Robson, and Rollston, and Usher, and Wilkinson, D. E. Kerr, and Campbell, and H. T. Gamey, and C. E. Maynard.

GERMAN.

Class I.—H. D. Bottger.

Class II.—Gintzburger.

Passed.—Bain, and Gislason.

GREEK.

Passed—Cox, Keenleyside.

LATIN.

Class I.—E. C. McKay, Highmoor, E. A. Thomas.

Class II.—Dalton and M. E. Milley, Murphy, Costley and McGregor and I. M. Thomas, Calbick and Duffus and Shimizu, Gross and Wesbrook, Greer and W. J. E. Wyllie, Dockrill and Lord, Gregg and McDougall, Hosang and A. P. Watson, and E. P. Wyllie.

Passed—M. F. Brown and Usher, Kirk, Leckie and Simpson and Westwood, H. W. Gamey, and Hunter and Irvine and Layton and W. R. McLeod

and Ray, Boyer and R. C. Emmons, and H. T. Gamey, and R. S. Hamilton and K. S. Johnston, Keenleyside, Campbell and Collier, and Cosgrave, and Kelman, and Ketcheson, and Rollston, Cox and Damer, and Hardwick and Howard, Forin and Roach, and Sutcliffe, Matheson, and Robson, M. L. Elliott and Wolfe, C. E. Maynard ,and Riddell, D. I. Lyness, and S. A. Taylor, Carson and E. C. Letson, Philp, Gill and C. Graham, Bell, Hawe, and Lawrence, and MacKenzie, and D. M. Trapp, J. Watson, Hokkyo and Nelson.

ALGEBRA.

Class I.—I. M. Thomas, Calbick, A. E. Thomas, C. S. Evans, Highmoor, Dalton, Duffus, Greer and W. J. E. Wyllie, and Rive, Wilkinson.

Class II.—Vollum, Dockrill, and Hosang, Cosgrave, Howard, and M. E. Millley, Costley, and Elliott, and E. C. McKay, and D. C. McKechnie, and C. E. Milley, Shimizu, Gilespie and E. P. Wyllie, Hurst, and McKenzie, Bain, and H. W. Gamey, L. C. Johnston, and A. P. Watson.

Passed.—D. E. Kerr, and W. R. McLeod, and Matheson, and Sutcliffe and Tamenaga, J. G. Fraser, and Kelman and McDougall, Jamieson, and Weld, Aconley, and A. J. Anderson, and Leckie, and Wesbrook, G. S. Clark, and H. T. Gamey, and Gislason, and A. I.Kerr, and Neill, Gintzburger, Layton and Sidney, Cox and Philp, Barnwell, and Gregg, and C. E. Maynard and Usher, M. F. Brown, and Campbell and Rollston, R. C. Emmons, and Ketcheson, Westwood, Robson, and D. M. Trapp, M. G. Peck, Gill and Lawrence, Alexander, and Gross, and Murphy, and E. M. Mutch, and Ray, and Renwick, M. Day, and Forin, and O'Connor, T. E. Evans, and Hunter, McGregor, Ballentine, and Boyer, and M. M. B. Cameron, and Carson, and C. Graham, and Hardwick, Hawe and Nelson, and Patterson, and Rogers, K. S. Johnston and Lord.

TRIGONOMETRY.

Class I.—I. M. Thomas, W. J. E. Wyllie, A. J. Howard, Dockrill and Highmoor, D. C. McKechnie, I. C. Calbick, Aconley, and Wesbrook, Gillespie and Shimizu, and E. A. Thomas, E. A. Carter, and Dalton, and Duffus, and Rive, M. E. Milley, Cumyow, Gill.

Class II.—Bain, and M. L. Elliott, and Gintzburger, and D. E. Kerr, and Robson, and Tamenaga, Kelman, Sutcliffe, Cosgrave, and W. R. MacLeod, and Wilkinson, Gislason, and Greer, and C. E. Milley, and O'Connor, and Vollum, A. P. Watson and Weld, C. E. Maynard, and McGregor and Murphy, J. G. Fraser and Hosang, and McDougall, Cox and Jamieson, Costley, M. F. Brown, H. W. Gamey, and MacKenzie and M. G. Peck and Renwick, R. C Emmons, and Hill, and Irvine.

Passed.—Forin and H. T. Gamey, and Gregg and E. C. McKay, and E. P. Wyllie, Lord, and Usher, Lawrence, and Westwood, Campbell, and Chatwin, and Philp and D. M. Trapp, Layton and Ray, Neill, M. M. B.

Cameron, Ketcheson, and Matheson, and D. E. Peck, Leckie, Gross, E. M. Mutch, B. C. Cayley and Hardwick, Ballentine, and Barnwell, and K. S. Johnston, and Keenleyside, M. Day, and Hunter, Rollston, Alexander, and Carson, and L. C. Johnston, Sidney, Boyer and G. E. W. Clarke, and Simpson and E. C. Letson.

PHY.ICS.

Class I.—Gillespie, I. M. Thomas, Rive, and Weld, Duffus, Jamieson, Sutcliffe, Gintzburger, Calbick, M. E. Milley, J. G. Fraser.

Class II.—Highmoor and Shimizu, Leckie, and Vollum, Cosgrave, and Dalton, M. M. B. Cameron, Keenleyside, and Lord, Greer, and L. C. Johnston, and MacLeod, and E. A. Thomas, and Tamenaga, R. C. Emmons, and Wilkinson, E. C. McKay, and Silk, Ballentine, and Gregg, and D. E. Kerr, and Ketcheson, and A. P. Watson, and Wesbrook, L. L. Bolton, and Bain, and Costley, and D. C. McKechnie, and Nelson, E. C. Letson, Dockrill, and Hosang, and M. G. Peck, H. W. Gamey, and D. M. Trapp.

Passed.—Gross, and McDougall, and MacKenzie, and O'Connor, and J. Watson, M. Day, and Elliott, and Gislason, and Lawrence, Alexander, and Gill, and H. T. Gamey, and Murphy, and Neill, and Rollston, and Sidney, and W. J. E. Wyllie, and Carson, and R. Hamilton, Layton, and C. E. Milley, and Matheson, and McGregor, and Robson, Aconley, and Hunter, and E. P. Wyllie, M. F. Brown and Howard, Barnwell, C. E. Maynard, and Westwood, Bell, and G. E. W. Clarke, and Kelman and Rogers, and Usher, Campbell, and Damer, and Hawe, and K. S. Johnston, and E. M. Mutch, and Ray, and Simpson, Kirk, Forin, and Hardwick, and Patterson, C. Graham, Philp, and Riddell, T. E. Evans, Cumyow, and Wolfe, Cox, and D. I. Lyness.

BEGINNERS' GREEK.

Class II.—Shimizu, Garesche, McDougall.

Passed.—E. M. McKechnie, R. C. Emmons, Sutcliffe, L. C. Johnston.

BEGINNERS' GERMAN.

Class I.—J. Robinson.

Class II.—M. M. B. Cameron, E. Trapp.

FACULTY OF APPLIED SCIENCE

THIRD YEAR.

PRIZES.—Clive Elmore Cairnes, Charles Alfred Holstead Wright, equal, prize $25, divided.

The following students, having enlisted for overseas service, are granted their standing: Lambert, Letson.

Results of Examinations.

Class I.—Cairnes, Wright, Mellish (s).
Passed.—Brown (s), Watts (s, partial).

ELECTRICAL ENGINEERING.

Class I.—Mellish.
Passed.—R. R. Brown

ENGINEERING ECONOMICS.

Class I.—Cairnes, C. A. Wright, Watts, Mellish.
Class II.—R. R. Brown

FIRE ASSAYING.

Class I.—Cairnes.

GENERAL ENGINEERING II.

Class I.—Cairnes, Mellish, C. A. Wright.
Passed.—Watts, R. R. Brown.

HYDRAULICS II.

Class I.—Mellish.
Passed.—R. R. Brown.

MECHANICAL ENGINEERING II.

Class I.—Cairnes, C. A. Wright, Mellish.
Passed.—Watts.

MECHANICAL ENGINEERING III.

Class I.—C. A. Wright, Cairnes, Mellish.
Class II.—Watts.
Passed—R. R. Brown.

MECHANICAL ENGINEERING IV.

Class II.—Mellish.

MINING ENGINEERING.

Class II.—Cairnes.

ORE DRESSING AND LABORATORY.

Class I.—Cairnes.

ORE DRESSING.

Class I.—Cairnes.
Class II.—C. A. Wright.
Passed—Watts.

RAILWAY ENGINEERING.

Class II.—Mellish.

Passed.—R. R. Brown.

STRUCTURAL ENGINEERING II. AND III.

Class II.—Mellish.

STRUCTURAL ENGINEERING III.

Class II.—C. A. Wright, Cairnes, Watts.

SURVEYING II.

Class II.—R. R. Brown.

Passed.—Mellish

FIELD SURVEYING II.

Class I.—Lambert, Mellish, H. F. G. Letson.

Class II.—R. R. Brown.

MAPPING II.

Class II.—Mellish, H. F. G. Letson, R. R. Brown.

SUMMER ESSAYS.

Class I.—Cairnes, Mellish, H. F. G. Letson, Wright.

Class II.—R. R. Brown, Watts.

SECOND YEAR.

PRIZES.—Theodore Harding Morgan, Frederick Choate Stewart, equal, prize $20 each.

The following students, having enlisted for overseas service, are granted their standing: Thompson, Wilson.

The following students, having enlisted for overseas service, will be permitted to graduate in two years: Carter, Pim, Gillie.

Results of Examinations.

Class I.—Morgan, Stewart.

Class II.—McDonald (s), L. F. Bullard, Doell, Drewry, McKay, Rose.

Passed.—Austin (s), McLennan (s), Williams (s), Pearcy (s).

(s) Indicates Supplemental Examination.

STRUCTURAL ENGINEERING I.—GRAPHICAL STATISTICS.

Class I.—Rose, Austin and Doell, Morgan, L. F. Bullard, F. C. Stewart, Drewry, S. McLennan, and Williams, G. R. McDonald.

Class II.—Bissett, A. H. McKay, R. J. Bullard.

MAPPING I.

Class I.—Doell, Morgan, McLennan, Williams, Austin, Rose, L. F. Bullard, and Stewart.

Class II.—McDonald, Drewry and A. H. McKay, Bissett, R. J. Bullard.

GENERAL ENGINEERING I.

Class I.—Morgan, Bissett, A. H. McKay, and Stewart, Drewry and Williams.

Class II.—Austin, Rose, McDonald, Doell, L. F. Bullard, McLennan.

Passed.—R. J. Bullard.

CALCULUS.

Class I.—Morgan, F. C. Stewart, L. F. Bullard.

Class II.—Doell, Rose.

Passed—S. A. McLennan, A. H. McKay, Drewry and Williams, Bissett and R. J. Bullard.

MECHANICS.

Class I.—F. C. Stewart, Morgan.

Class II.—L. F. Bullard, Austin, G. R. McDonald, Rose.

Passed—S. A. McLellan, Doell, Cairnes, Drewry and Williams, A. H. McKay.

MECHANICAL DRAWING II.

Class I.—Doucet.

Class II.—Austin and S. A. McLennan, G. R. McDonald.

Passed.—Rose, Bissett and L. F. Bullard, and R. J. Bullard, and Williams, Drewry, F. C. Stewart, Doell and A. H. McKay, and Morgan.

MECHANICAL ENGINEERING I.

Class I.—Morgan, G. R. McDonald, F. C. Stewart.

Class II.—L. F. Bullard, and Doell, and Drewry, Austin, S. A. McLennan, and Pearcy.

Passed.—A. H. McKay, and Rose, Williams, C. E. Cairnes.

PHYSICS.

Class I.—Morgan and F. C. Stewart, McDonald, Doell.

Class II.—Austin, and Drewry, A. H. McKay, and Williams, L. F. Bullard, Rose.

PHYSICS LABORATORY.

Class I.—Morgan, A. H. McKay, McDonald, and F. C. Stewart, Austin, McLennan and Rose.

Class II.—Doell and Drewry, L. F. Bullard, and R. J. Bullard, Williams, Bissett.

SHOPWORK IV. AND V.

Class I.—F. C. Stewart, Morgan.
Class II.—G. R. McDonald, and Rose, Bissett, Drewry, A. H. McKay, Doell, and S. A. McLennan, Austin, Williams.
Passed.—L. F. Bullard, R. J. Bullard.

SURVEYING II.

Class I.—Doell, L. F. Bullard, Morgan, McDonald, and McKay, Austin, and Drewry.
Class II.—Stewart, McLennan.
Passed.—Rose, and Williams, Bissett, R. J. Bullard.

FIELD SURVEYING.

Class I.—Austin, Doell, and Drewry, L. F. Bullard, and Stewart, McDonald, and D. L. Thompson, McLennan, and McKay, and Bissett.
Passed.—Morgan.

FIRST YEAR.

SCHOLARSHIPS AND PRIZES.—William Orson Banfield, scholarship; George Frederick Fountain, prize, $15.

The following students, having enlisted for overseas service, are granted their standing: Baxter, Dixon, *Fountain, Mayers.

*Also qualified by examination.

The following students, having enlisted for overseas service, are permitted to graduate in three years: Bickell, Goodman, McPhalen, Milton, Stephen.

Results of Examinations.

Class I.—Banfield, Fountain, Gale.
Class II.—T. Le Messurier, R. M. McLuckie (s), R. McPhee (s), W. G. Hatch, F. J. Day, W. E. Baxter, T. E. Doucet, H. N. Page (s), G. G. Gilchrist.

Passed.—D. M. Morrison (s), W. J. Gray, H. A. Pearse (s), K. Tamura (s), H. G. Fitzgerald (s), H. D. McDiarmid (s).
(s) Indicates Supplemental Examination.

DESCRIPTIVE GEOMETRY.

Class I.—T. Le Messurier, Banfield, McPhee, Doucet, and Gale.
Class II.—Fountain, W. G. Hatch, McLuckie, Galloway, and Gray.
Passed.—Day, and Page, Gilchrist, D. M. Morrison, W. E. Baxter, Pearse, and Tamura.

ENGLISH COMPOSITION.

Class I.—Page, Fountain, and D. M. Morrison, Gale.
Class II.—W. E. Baxter, Banfield, and Pearse, F. J. Day, McColl, Gil-

christ, and T. Le Messurier, McLuckie, McDiarmid and Tamura, Fitzgerald and McPhee, Caspell.

Passed.—McCuaig, Doucet, W. G. Hatch, G. S. Cameron.

DRAWING I. AND II.

Class I.—T. Le Messurier, Gale, Fountain and McLuckie, D. M. Morrison.

Class II.—W. G. Hatch, Banfield, McColl, Fitzgerald, W. E. Baxter and Caspell, McCuaig and McPhee, Pearse, F. J. Day, and Gilchrist, G. S. Cameron, Tamura, Gray and Mayers and McDiarmid.

Passed.—H. M. Page.

ALGEBRA.

Class I.—Fountain, McLuckie, Banfield.

Class II.—F. J. Day, Gale and W. G. Hatch, T. Le Messurier, McPhee, W. E. Baxter, McDiarmid, Caspell and Fitzgerald.

Passed.—Gray, Doucet and H. M. Page, Pearse, Gilchrist, G. S. Cameron, and D. M. Morrison.

TRIGONOMETRY.

Class I.—W. O. Banfield, R. M. McLuckie, W. A. Gale, G. F. Fountain.

Class II.—W. G Hatch, T. Le Messurier, G G. Gilchrist, R. McPhee, H. M. Page, F. J. Day, and T. E. Doucet, W. J. Gray, and D. M. Morrison.

Passed.—H. D. McDiarmid, W. E. Baxter, and G. S. Cameron, H. G. Fitzgerald and K. Tamura, E. S. McColl, W. A. McCuaig, and H. A. Pearse.

MECHANICS.

Class I.—Banfield, Gale.

Class II.—Fountain, W. G. Hatch, and Gilchrist, W. E. Baxter.

Passed—T. Le Messurier, H. M. Page, F. J. Day, McPhee, Tamura, and Gray, and Doucet.

PHYSICS.

Class I.—Gale, Banfield, T. Le Messurier.

Passed.—D. M. Morrison, Doucet, McLuckie, McColl, Gray, and W. G. Hatch.

PHYSICS LABORATORY.

Class I.—Fountain, Banfield, Gale, F. J. Day, Doucet, Caspell, and Fitzgerald, and Le Messurier, and D. M. Morrison.

Class II.—Gilchrist, and McCuaig, and Tamura, G. S. Cameron, and McDiarmid, W. G. Hatch, W. E. Baxter, and Mayers, Gray, and McColl, and McPhee.

Passed.—McLuckie, H. M. Page.

SHOPWORK I., II. AND III.

Class I.—Banfield, Fountain and Gale.

Class II.—F. J. Day, and McLuckie, Caspell, T. Le Messurier, and McCuaig, W. E. Baxter, Gilchrist, D. M. Morrison, McPhee and Pearse, Tamura, W. G. Hatch.

Passed.—G. S. Cameron, Fitzgerald and Gray, Cairnes.

MECHANICAL DRAWING I.

Claas II.—T. Le Messurier, Gale and McLuckie, Banfield and Fountain, D. M. Morrison, Gilchrist, McColl.

Class II.—W. G. Hatch, F. J. Day, and Tamura, Gray, Mayers, and McCuaig, Pearse, Caspell, Fitzgerald, W. E. Baxter and McPhee, and H. M. Page, G. S. Cameron.

Passed.—McDiarmid.

(2.) LIST OF MEMBERS OF CONVOCATION OF THE UNIVERSITY OF BRITISH COLUMBIA.

Members of Convocation are urged to send to the Registrar, without delay, their **Street Addresses.**

(Alphabetically arranged, with degrees and Key List, showing University conferring same).

KEY LIST OF UNIVERSITY REPRESENTED.

1. Appointed by the Lieutenant-Governor in Council.
2. Aberdeen University, Aberdeen, Scotland.
3. Acadia University, Wolfville, N.S.
4. Adelaide University, Adelaide, South Australia.
5. Bishop's College, Lennoxville, Que.
6. Cambridge University, England.
7. Chicago University, Chicago, U.S.A.
8. Clark University, Worcester, Mass.
9. Columbia University, New York, N.Y.
10. Dalhousie University, Halifax, N.S.
11. Durham University, Durham, England.
12. Edinburgh University, Edinburgh, Scotland.
13. Glasgow University, Glasgow, Scotland.
14. Halifax University, Halifax, N.S.
15. Harvard University, Cambridge, Mass.
16. Illinois Wesleyan University.
17. Kink's College, Windsor, N.S.
18. Laval University, Quebec and Montreal.
19. Leland Stanford Jr. University, Palo Alto, Cal.
20. Liverpool University, Liverpool, England.
21. London University, London, England.
22. Manchester University, Manchester, England.
23. Manitoba University, Winnipeg, Man.
24. Montreal University, Montreal, Que.
25. McGill University, Montreal, Que.
26. McMaster University, Toronto, Ont.
27. Mount Allison University, Sackville, N.B.
28. New Brunswick University, Frederickton, N.B.
29. Ottawa University, Ottawa, Ont.
30. Oxford University, Oxford, England.
31. Queens University, Kingston, Ont.
32. Royal College of Science, Dublin, Ireland.

33. Royal Military College of Canada, Kingston, Ont.
34. Royal University of Ireland, Dublin, Ireland.
35. Saskatchewan University, Saskatoon, Sask.
36. St. Andrews University, Dundee, Scotland.
37. St. Francis Xavier University, Antigonish, N.S.
38. St. Joseph's University, N.B.
39. Toronto University, Toronto, Ont.
40. Trinity College, Dublin, Ireland.
41. Trinity University, Toronto, Ont.
42. Victoria College, Coburg, Ont.
43. Victoria University, Toronto, Ont.
44. Wesleyan College, Montreal, Que.
45. Western University, London, Ont.
46. University of British Columbia, Vancouver, B. C.

Acheson, William Clinton, Vancouver ..... M.B. 39
Anderson, Frederick W., Kamloops ..... B.Sc. 25
Anderson, Goldie Fraser, Vancouver ..... B.Sc. 25
Anderson, Jessie Josephine, Vancouver ..... B.A. 43
Anderson, William Gernet, Vancouver ..... B.A. 39, LL.B.
Andrews, Frank, Victoria ..... B.A. 3
Annable, George Reynolds, Annable ..... B.A. 46
Anning, Norman Herbert, Chilliwack ..... M.A. 31
Anstey, Arthur, Vancouver ..... B.A. 21
Arbuckle, J. W., Vernon ..... M.D. 25
Archibald, Henry Patton, Vancouver ..... B.A.Sc. 25
Archibald, James Ross, Kamloops ..... B.A. 10, LL.B.
Archibald, M. G., Kamloops ..... M.D., C.M. 10
Argue, William Piritte, Vancouver ..... B.A. 23
Armour, Douglas, Vancouver ..... B.A. 39
Armstrong, James Arthur, Rossland ..... B.A. 3, M.A. 3
Arthur, Edward Charles, Nelson ..... B.A. 42, M.A. 42, M.D. 41
Ashmore, Richard Howell, Eburne Station ..... B.A. 34
Ashton, Henry, Vancouver ..... B.A., D.Lit. 6
Ashton, John Joseph, New Westminster ..... B.A. 31, B.D. 44
Auld, J. W., Vancouver ..... M.D., C.M. 25
Babcock, J. P., Victoria 1
Bagshaw, Frank, Vancouver ..... B.Sc. 25
Baird, Mary Christina, Vancouver ..... B.A. 39
Baird, William Joseph, Vancouver ..... B.A. 39, M.A., LL.B.
Baker, Frances Edna, Vancouver ..... B.A. 23
Baker, Herbert W., Vancouver ..... B.A. 31
Baker, Ray Palmer, Summerland ..... B.A. 45

Balderstone, Benjamin Hedley, White Rock ..... B.A. 27, B.D.
Bapty, Walter, Victoria ..... M.D. 45
Barrett, William Thomas, Victoria ..... M.D. 23
Barron, Thomas John, Courtenay ..... B.A. 25
Baskin, William Gerald, Victoria ..... B.A.I. 28
Bastin, Charles Howden, Vancouver ..... M.D. 23
Bates, Reginald Heber, Vancouver ..... B.A. 5
Bayfield, Henry Arthur, Vancouver ..... B.A.Sc. 25
Bayfield, Geoffrey E., Vancouver ..... M.D. 25
Beacham, Havelock, Vancouver ..... B.A. 25
Bechtel, Arthur Daniel, Victoria ..... M.D. 25, C.M.
Beckwith, Harold Arthur, Victoria ..... B.A. 25
Beeston, Cyril Gainsborough, Nelson ..... B.A. 23
Bennett, Allan Edward Hingston, Kamloops ..... M.D., C.M. 31
Bennett, Charles Vincent, Prince Rupert ..... B.A. 31
Berry, Edward Weldon, Murrayville ..... B.A. 46
Black, George Duncan Ralph, Vancouver ..... M.D., C.M. 39
Blaycock, Selwyn Gwillym, Trail ..... B.Sc. 25
Boak, Arthur Edward Romily, Vancouver ..... M.A. 31
Boak, Henry Westman Conroy, Vancouver ..... B.L. 10
*Boggs, George Washington, Vancouver ..... M.D., C.M. 25
Bolton, William Washington, Victoria ..... M.A. 6
Booth, Patrick Dick, Vancouver ..... B.Sc. 12
Bonnel, Saul, Fernie ..... M.D. 25
Boucher, Robert B., Vancouver ..... M.D., C.M. 25
Bowser, William John, Victoria ..... LL.B. 10
Boyce, B. de Furlong, Kelowna ..... M.D. 25
Boyd, J. Bruce, Vancouver ..... B.A. 25
Boyd, Robert Sinclair, Vancouver ..... B.A. 40
Boyle, Robert Clake, Vancouver ..... M.D., C.M. 23
Bradshaw, George Karn, Vancouver ..... B.A. 39
Bray, Harry Randle, Esquimalt ..... B.A. 30, 39
Brennan, George Eric, Vancouver ..... B.Sc. 25
Brett, Augustus Jasper Wolsley, Vancouver ..... D.D.S. 39
Brewster, H. C., Victoria 1
Bride, William Wesley, South Hill ..... M.D. 23
Bristol, Charles Frederick, Vancouver ..... B.Sc. 25
Brock, Reginald W., Vancouver ..... M.A. 31
Brodie, William S., Vancouver ..... M.A. 10
Broe, Lawrence, Vancouver ..... M.B. 39
Brough, Thomas Allardyce, Vancouver ..... B.A. 31
Brown, John, Vancouver ..... B.A., M.D., C.M. 23
Brouse, J. E., New Denver ..... M.D. 25

*Deceased.

Bruce (née Baker), Elma, Vancouver ..... B.A. 10
Brydone-Jack, Arthur Canby, Vancouver ..... B.A., M.A. 28
Brydone-Jack, Frederick William, Vancouver ..... M.D. 25
Brydone-Jack, Herbert Disbrow, Vancouver ..... B.Sc. 25
Brydone-Jack, William Disbrow, Vancouver .....
..... B.A. 28, L.R.C.P. 12, L.R.C.S. 12
Buchan, Percy Halcro, Vancouver ..... B.A.Sc. 39
Buchanan, Leo, Vancouver ..... B.A. 39, LL.B. 39
Buisson, Arthur, Trail ..... B.Sc. 18
Buller, Frederick James, Vancouver ..... B.A. 39, M.B. 39
Burch, Arthur Lafayette, Vancouver ..... B.A. 39
Burley (née Ham), Alice Mary, Vancouver ..... B.A. 23
Burnett, Edgar A., Vancouver ..... B.A. 23
Burnett, George Haliburton, Vancouver ..... B.A.I. 28
Burnett, William Brenton, Vancouver ..... B.A. 3, M.D., C.M. 25
Burns, William, Vancouver ..... B.A. 31
Burns, William Ernest, Vancouver ..... B.A. 39
Burris, Grace D., Victoria ..... M.A. 10
Burris, J. S., Kamloops ..... M.D. 25
Burritt, William Edmund, Prince Rupert ..... B.A. 39
Buttrum, Harold St. George, Vancouver ..... B.A. 25
Cade, John P., Prince Rupert ..... M.D., C.M. 39
Cairnes, Clive Elmore, Vancouver ..... B.A. 46
Cameron, Angus Wylie, Prince Rupert ..... B.A. 25, B.C.L. 25
Cameron, Arthur Garfield, Vancouver ..... B.A. 31
Cameron, Charlotte Alice, Vancouver ..... B.A. 31
Cameron, Charles John, Vancouver ..... B.A. 31, M.A. 31
Cameron, Elizabeth Jane, Vancouver ..... B.A. 26
Cameron, Ella Gladys, Vancouver ..... B.A. 46
Cameron, George Frederic, Vancouver ..... B.A. 31
Campbell, Charles Foster, Vancouver ..... LL.B. 23
Campbell, Charles McKinnon, Phoenix ..... B.Sc. 25
Campbell, Daniel Gordon, Vancouver ..... B.A. 39
Campbell, Edmund Ernest, Phoenix ..... B.Sc. 25
Campbell, Ivan Glen, Vancouver ..... M.D., C.M. 25
Campbell, John, Victoria ..... B.A. 39, M.A. 39
Campbell, John Augustine Ewart, Vancouver ..... M.D. 25
Campbell, John Lachlan, Abbotsford ..... B.A. 39
Campbell, Kate Gertrude, Enderby ..... B.A. 39
Campbell, Mary B., Vaucouver ..... M.D. 39, M.C.P. & S.
Cann, Jeanette A., Victoria ..... B.L. 10
Carder, Edwin Dixon, Vancouver ..... B.A. 39, M.B. 39
Carruthers, Bertha Muriel, Vancouver ..... B.A. 46
Carter, William Frederick, Vancouver ..... B.A.Sc. 25, B.C.L. 25

Carter-Cotton, F. L., Vancouver 1
Cartwright, Conway, Britannia Beach ..... M.D. 25
Casselman, Vester Ernest David, Vancouver ..... M.D. 23
Castleman (née Wickham) Escotte, Rosedale ..... B.A. 39
Cayley, Hugh St. Questin, Vancouver ..... B.A. 39
Champion, Benjamin Hiram, Vancouver ..... M.D. 25
Chandler, A. B., Rossland ..... M.D. 25
Chandler, G. Forsythe, Colquitz ..... B.A. 25
Chapin, Florence Birkett, Vancouver ..... B.A. 46
Chodat, Henri, Vancouver ..... B.A. 25, M.A. 25
Cheeke, George Alfred Moseley, Cobble Hill ..... B.A. 30
Church, John W., Victoria ..... B.A. 11, M.A. 11
Clark, Annie Sophia, Vancouver ..... B.A. 3
Clark, George Whitcomb, Ladysmith ..... B.A. 31, M.A. 31
Clark, Judson F., Vancouver ..... B.S.A. 39
Clark, Richard Joseph, Hope ..... M.A. 31
Clarke, Earl Winton, Victoria ..... B.A. 26
Clarke (née Potts), Georgiana Barbara, Victoria ..... B.A. 41, M.A. 41
Clay, William Leslie, Victoria ..... B.A. 25, B.D. 25
Clearihue, Albert Maitland, Victoria ..... Phm.B. 41
Clearihue, Joseph Badenoch, Victoria ..... B.A. 25
Cleland (née Chambers), Annie, Victoria ..... M.D., C.M. 41
Clement, Richard Vercoe, Vernon ..... B.A. 39, LL.B. 39, B.C.L. 39
Clement, William Henry Pope, Vancouver ..... B.A. 39, LL.B. 39
Coates, Horace W., Vancouver ..... M.D., C.M. 25
Coburn, Arthur, Vancouver ..... B.A. 30
Code, Lorne Bruce, Vancouver ..... B.Sc. 31
Coldwell, Ross F., Vancouver ..... B.Sc. 3, M.A. 3
Conklin, James Scott, Vancouver ..... M.D., C.M. 23
Connor, Charles Frederick, Merritt ..... B.A. 39, M.A. 39
Connolly, Arthur Kellogg, Salmon Arm ..... M.D., C.M. 31
Coombs, Florence, Vancouver ..... B.A. 10
Copeland, Briswell Methven, New Westminster ..... Phm.B. 39
Corsan, Douglas, Fernie ..... M.D. 25
Coulthard, Walter Livingstone, Vancouver ..... M.B. 39
Covernton, Charles Frederick, Vancouver ..... M.D., C.M. 25
Cowan, George Henry, Vancouver ..... B.A. 39
Cowperthwaite, Frederic Moses, Vancouver ..... B.A. 28
Coy, William Filmer, Vancouver ..... M.D., C.M. 31, M.R.C.S.
Creelman, Amelia, Vancouver ..... B.A. 10
Creery, Andrew McCreight, Vancouver ..... B.A. 40
Crombie, Isaac, Vancouver ..... B.A. 3, M.A. 3
Crosby, Robert, Vancouver ..... M.B. 39
Crowe, Roland Chaplin, Vancouver ..... B.A. 26

Cruickshank, Lilian Elizabeth, Matsqui ..... B.A. 39
Cumming, Alison, Vancouver ..... B.A. 10, M.D., C.M. 10
Cumming, Lucy, Vancouver ..... B.A. 31
Cumming, William Gordon, Sidney ..... M.D. 25
Cummings, Alfred, Fernie ..... B.Sc. 31
Cunningham, Frances Muriel, Dartmouth, Nova Scotia ..... B.A. 10
Cunningham, John Wilson, New Westminster ..... B.A. 39
Currie Herbert Harding, Nelson ..... B.A. 3
Currie, Mary Irene, Nelson ..... B.A. 3
Curtin, Thomas Vanston, Merritt ..... M.D., C.M. 31
Davidson, James Grant, Vancouver ..... B.A. 39
Davidson, John Wilson, Kelowna ..... B.A. 39
Davies, Aubrey Hugh, Vancouver ..... B.A. 6, M.B., B.C. 6
Davis, Angus Ward, Nelson ..... B.Sc. 25
Davis, Edward Pease, Vancouver ..... B.A. 39
Davis, Lewis Thomas, Victoria ..... M.D., C.M., 31
Dawson, George Herbert, Victoria ..... B.A.Sc. 25
Daykin, Alfred Norman, Vancouver ..... B.A. 23
d'Easum, Geoffrey Cyril, New Westminster ..... M.A. 23
De Beck, Edwin Keary, Vancouver ..... B.A. 25
De Beck, Howard Clarke, Vernon ..... B.A. 39
De Pencier, A. U., Vancouver ..... B.A. 41, M.A. 41, D.D. 41
Denovan (née Paterson), Eliza Henriette Richardson, Victoria ..... M.D., C.M. 43
Denton, Vernon Llewellyn, Vancouver ..... B.A. 3
Dick, Agnes Johnston, Nanaimo ..... B.A. 46
Dickey, Hugh L., Vancouver ..... M.D., C.M. 10
Dickson, Charles William, Kelowna ..... M.A. 31, Ph.D. 9
Dickson, William Howard, Phoenix ..... M.D. 25
Dobson, Frank Hopper, Vancouver ..... B.A. 39
Doherty, Charles Edward, New Westminster ..... M.D., C.M. 39, F.T., M.C.
Dole, Harvey Peter, Vancouver ..... B.A. 28, M.A. 28
Douglas, Robert James, Chilliwack ..... B.A. 25
Dowler, Wellington Jeffers, Victoria ..... B.A. 39
Downie, Donald, Vancouver ..... B.C.L. 25
Draeseke, Gordon Cecil, Vancouver ..... M.B. 39
Drew, Jessie Evelyn, New Westminster ..... B.A. 39
Drier, Newton Ezra, Vancouver ..... M.D. 25, F.R.C.S. 12
Drummond, Jean Scott, Vancouver ..... B.A. 39
Drysdale, W. Frederick, Nanaimo ..... M.D. 25
Duncan, Charles Andrew, Sandwich ..... B.A. 46
Duncan, George Edward, Vernon ..... M.D. 23
Dunning, John T., Vancouver ..... B.A. 41, M.A. 41

Dunton, Marjorie Mae, Vancouver ..... B.A. 46
Dutcher, Howard Ketchum, Vancouver ..... B.Sc. 25, M.Sc. 25
Dykes, Watson, Duncan ..... M.D. 25
Earle, Harry, Vancouver ..... B.Sc. 25
Edwards, Geoffrey Lloyd, Vancouver ..... B.A. 6
Eggert, C. A., Prince Rupert ..... M.D. 25
Eldridge, Gardner Smith, Vancouver ..... B.Sc. 25
Elliott, Byron Stevenson, Vancouver ..... M.B. 39
Elliott, Carrie Isabel, Vancouver ..... B.A. 46
Elliott, Percy Harris, Victoria ..... M.Sc. 25
Elliott, William, Vernon ..... B.A. 39
Ellis, Jeseph Nelon, Vancouver ..... B.C.L. 17
Ellis, Robert Walter, Vancouver ..... B.A. 25
Ellison, Myra King, Vernon ..... B.A. 25
Emerson, John, Vancouver ..... B.A. 25
English, John Molineux, Vancouver ..... M.D., C.M. 25
Evans, Allan Roy, New Westminster ..... B.A. 23
Everton, Samuel, Vancouver ..... B.A. 23
Ewing, William T., Chemainus ..... M.D. 25
Falkner, James, Vancouver ..... B.A. 31
Fallis, George Valentine, Victoria ..... B.A. 23
Farris, John Wallace deBeque, Vancouver ..... B.A. 3
Farris, Evelyn F. Keirstead, Vancouver ..... M.A. 3
Farris, Wendall Burpee, Vancouver ..... B.C.L. 17
Fillmore, Charles L., Vancouver ..... B.A. 27
Fisher, Alexander Ingram, Fernie ..... B.A. 39
Fisher, John McNee, Vancouver ..... Phm.B. 39
Fisher, Nicholas Rigby, Vancouver ..... B.A. 23
Fisher, Simeon Whidden, Ladner ..... Phm.B. 39
Fleming, Robert William, Nelson ..... B.A. 31
Ford, Henry Bernice, Vancouver ..... M.D., C.M. 31
Ford, John Whitfield, Vancouver ..... M.B. 39
Foreman, Alvah Ernest, Victoria ..... B.Sc. 25
Forsythe, Robert B., Rossland ..... B.A. 10
Foster, George May, Vancouver ..... M.D. 25
French, Mabel Penery, Vancouver ..... B.C.L. 17
Frost, Anson C., Ladysmith ..... M.D. 25
Fuller, Aubrey Taylor, Vancouver ..... B.A. 27, M.D., C.M. 25
Fuller (née Dunham), Louise McClellan, Vancouver ..... B.A. 3
Fulton, Clarence, Vernon ..... B.A. 10
Funk, Edwin Henry, Vancouver ..... M.D. 25
Galloway, James Robert, Vancouver ..... B.A. 46
Galloway, John Davidson, Vancouver ..... M.Sc. 25
Gamble, Clark William, Vancouver ..... B.Sc. 25

Ganton, David William, Victoria ..... B.A. 39, M.A. 39
Garden, J. F., Vancouver 1
Gardiner, William James, Vancouver ..... B.A. 39
Garrett, Herbert Gascoigne, Victoria ..... B.A. 30
Gatewood, Charles H., Vancouver ..... D.D.S, 1
Gaunce, William Grant, Victoria ..... B.A. 28
Gibbins, Gwynne Gilbert, Vancouver ..... B.A. 25, M.Sc. 25
Gibson, Henry James, Vancouver ..... B.A. 46
Gibson, Richard, Vancouver ..... M.D. 25
Gifford, William Alvy, New Westminster ..... B.A. 39, B.D. 43
Gill, Peter Clark, Vancouver ..... B.Sc. 25
Gillam, John D., North Vancouver ..... M.A. 12
Gillies, Bertram William Digby, Vancouver ..... M.D. 25
Gillies, George Ackland, Vancouver ..... M.Sc. 25
Gillies, George Ernest, Vancouver ..... M.D. 25
Gillespie, James A., Cumberland ..... M.D., C.M. 5
Gillespie, Thomas Leslie, East Kelowna ..... B.A. 34
Goodstone, Albert Isidore, Vancouver ..... B.C.L. 25
Gordon, Daniel Marshall, Victoria ..... B.A. 25
Gordon, George Sinclair, Vancouver ..... M.D., C.M. 25
Gordon, John Simpson, Victoria ..... B.A. 25
Gourlay, Henry Beauchamp, Vancouver ..... M.D., C.M. 25
Gourlie, William G., Vancouver ..... B.A. 23
Gower, Gordon H., Vancouver ..... B.A. 3, M.A. 3
Grimmett, Martin Luther, Merritt ..... LL.B. 23
Graham, Ada Ernestine, Vancouver ..... B.A. 39
Graham, Colin Wolseley, Vancouver ..... M.D., C.M. 31
Graham, David Alexander, Vancouver ..... B.Sc. 39
Graham, Felicia, New Westminster ..... B.A. 39, M.A. 39
Graham, John Albert, Vancouver ..... M.D. 23
Grainger, Martin Allerdale, Victoria ..... B.A. 6
Green, Cecilia Rebecca, Victoria ..... B.A. 25
Green, Frank Compton, Victoria ..... B.A. 28
Green, F. W., Cranbrook ..... M.D. 25
Green, Myra Hatt, Victoria ..... B.A. 28
Green, Pearl Alberta, Vancouver ..... B.A. 25
Green, R. Howard, Victoria ..... B.A. 25
Green, Thomas, Victoria ..... B.A. 39, M.A. 39, B.D. 43
Green, Thomas Bennett, New Westminster ..... B.A. 23, M.D., C.M. 25
Greggs, Gladys Evelyn, Vancouver ..... B.A. 25
Grenfell, Mary Elizabeth, Vancouver ..... B.A. 31
Gray, Edward J., Vancouver ..... B.A. 38, M.D. 15
Grey, Skains Leander Herbert, Vancouver ..... M.A. 31
Gunning (née McKay), Catherine W., Rossland ..... B.A. 10

Gurd, William Farquhar, Cranbrook ..... B.C.L. 39
Haley, Charles Joseph, Nanaimo ..... B.A. 37
Hall, Alfred, Vancouver ..... M.A. 39, LL.B. 39, D.C.L. 41
Hall, Ernest Amos, Vancouver ..... M.D., C.M. 39, L.R.C.P. 12
Hall, John Albert, Victoria ..... B.Sc. 22, M.Sc. 22
Hall, Norman McLeod, Vancouver ..... B.Sc. 25
Hall, Thomas Proctor, Vancouver ..... B.A. 39, M.A. 16, Ph.D. 8
Hall, Thomas R., Kamloops ..... B.A. 10
Hall, William Kendall, Eburne ..... M.D. 23
Hall, William Lashley, Revelstoke ..... B.A. 39, B.D.
Hamilton, Charles Thomas, Vancouver ..... B.Sc. 39
Haney, Charles Nelson, Vancouver ..... B.A. 27, M.A. 27
Hanington, D. P., Wilmer ..... M.D. 25
Hanington, Ernest B. C., Victoria ..... M.D., C.M. 25
Hanington, Henry Carleton, Victoria ..... B.A. 28
Hannington, Robert Wetmore, Vancouver ..... B.A. 28
Hansford, William Francis, New Westminster ..... B.A. 39
Harper, Andrew Miller, Vancouver ..... B.A. 31
Harris, Clara Ethelwyn, Moresby Island ..... B.A. 25
Harris, Robert Wilson, Vancouver ..... B.A. 39
Harrison, John Stanley, Midway ..... B.A. 28
Hart, Edward Charles, Victoria ..... M.D., C.M. 25
Hart (née Messinger), Francis Payzant, Vancouver ..... B.A. 3
Hart (née McPhee), Margaret Janet, Victoria ..... M.A. 10
Hartwell, George E., Vancouver ..... B.A. 31
Harvey, Athelstan George, Vancouver ..... B.A. 23
*Harvey, Robert Valentine, Victoria ..... M.A. 6
Harvie, Stafford K., Vancouver ..... B.A. 27, M.D., C.M. 25
Haviland, John Archibald, Vancouver ..... LL.B. 19
Hazelwood, Edwin Watson, Trail ..... Phm.B. 39
Hedley, John Whitfield, Nanaimo ..... B.A. 39, M.A. 39, B.D. 42
Henderson, A., Powell River ..... M.D. 25
Henderson, Alexander, Vancouver ..... B.A. 39
Henderson, James, Vancouver ..... M.A. 13
Henderson, Stuart Alexander, Victoria ..... B.A. 39, LL.B. 39, B.C.L. 41
Heneage, Thomas Robert, Victoria ..... B.A. 6
Henry, Alice Edna O., Victoria ..... M.A. 25
Henry, Edwin Arthur, Vancouver ..... B.A. 39, B.A. 35
Henry, Joseph Kaye, Vancouver ..... B.A. 10
Hepworth, William George, Steveston ..... M.D. 25
Herold, Wilson R. T., Vancouver ..... M.D., C.M. 31
Hetherington, Albert Edward, New Westminster ..... B.A. 23
Higgins, Charles P., Hosmer ..... M.D. 25

*Deceased.

Higman, Ormond, Vancouver ..... B.Sc. 25
Hill, Arthur Edmund Breton, Vancouver ..... B.A.Sc. 25
Hill, Albert J., New Westminster ..... B.A. 3
Hill, Frederick Borden, Vancouver ..... B.A. 28
Hindle, George, Golden ..... B.A. 31
Hogle, John Herbert, Vancouver ..... M.D., C.M. 25
Holden, Donald B., Victoria ..... B.A. 25, M.D. 25
Holmes, William Cuthbert, Victoria ..... B.A. 40
Hope, Henry Pollock, Victoria ..... B.A. 6
Housser, George Elliott, Vancouver ..... B.A. 25
Howay, Frederic William, New Westminster ..... LL.B. 10
Howell, Lucy M., North Vancouver ..... B.A. 25
Hoyes, William Thomas, Vancouver ..... M.D. 23
Hoyle, Charles Collings, Ladner ..... M.A. 11
Hume, Wellington Wilson, Vancouver ..... M.B. 39
Hunter, Albert Lawrence Penrose, Vancouver ..... B.A. 23
Hunter, Archibald William, Vancouver ..... M.D., C.M. 25
Hunter, Gordon, Vancouver ..... B.A. 39
Hunting, Henry Dana, Summerland ..... B.A. 5, M.A. 5
Hutton, E. E., West Summerland ..... B.A. 30, M.A. 30
Huycke, A. H., Kelowna ..... M.D. 25
Idsardi, Harold William, Vancouver ..... B.Sc. 25
*Irving, Palus Æmilius, Victoria .....
..... B.A. 41, M.A. 41, B.C.L. 41, D.C.L. 41
Jackson, George John, Vancouver ..... B.Sc. 31
Jackson, Maunsell Bowers, Vancouver ..... B.Sc. 25
Jackson, Marcus Harry, Vancouver ..... B.A. 39, M.A. 39
Jagger, Thomas Henry, Vancouver ..... B.V.S. 39
Jamieson, Annie Bruce, Vancouver ..... B.A. 23
Jamieson, John Stewart, Vancouver ..... B.A. 39
Jamieson (née Marshall), Laura E., Vancouver ..... B.A. 39
Jeffs, Thomas W., Vancouver ..... M.B. 39
Jenkins, Margaret, Victoria 1
Jervis, James George, Vancouver ..... B.V.S. 39
Jewett, F. Arnold, Vancouver ..... B.A. 28
Johnson, Arthur Livingstone, Vancouver ..... B.A. 27, M.D., C.M. 25
Johnson, Henry Mayott, Victoria ..... M.A. 30
Johnson, Sydney Munnings, Greenwood ..... B.A.Sc. 39
Johnston, David B., Vancouver ..... B.A. 31
Jones, James Harold, New Westminster ..... M.D. 25
Jones, John Milton, Vancouver ..... D.D.S. 39
Keeley, Daniel Edward, Hosmer 31
Keith, Fraser Sanderson, Vancouver ..... B.Sc. 25
Keith, Harry Wishart, Enderby ..... M.D., C.M. 25
* Deceased.

Keith, William Dow, Vancouver ..... M.B. 41
*Keller, James Henry, North Vancouver ..... B.A. 5, M.A. 5
Kelley, Wellington Clifton, West Summerland ..... B.A. 26
Kendall, George Rockland, Vancouver ..... B.Sc. 25
Kennedy, John Douglas, New Westminster ..... B.A. 31
Kennedy, J. H .,Vancouver ..... C.E. 39
Kennedy, J. Keefer, Vancouver ..... B.C.L. 25
Kennedy, William Alan, Vancouver ..... B.Sc. 25
Kennedy, William Davis, Vancouver ..... M.D., C.M. 31
Kentish-Rankin, Lionel Kentish, Vancouver ..... M.A. 6
Ker, Robert H., Merritt ..... M.D. 25
Kidd, Charles E., Union Bay ..... B.A., B.D. 31
Kidd, William James, Mount Tolmie ..... B.A. 31, B.D. 31
Kilburn, George Hay, Rossland ..... B.Sc. 31
Killam, Cecil, Vancouver ..... M.A. 27
King, Alfred Albert, Ladner ..... M.D., C.M. 10
King, Alfred Nelson, Victoria ..... B.A. 25
King, Garfield A.. Vancouver ..... B.A. 31
King, H. de W., Vancouver ..... B.A. 10, LL.B.
King, John Linkison, Vancouver ..... B.Sc. 31
Klinck, Leonard S., Vancouver ..... M.S.A. 25
Knowling, Albert James, Vancouver ..... B.A. 25
Knowlton, E. S., Vancouver 1
Knowlton, George Henry, Vancouver ..... B.A. 23
Knox, William John, Kelowna ..... M.D., C.M. 31
Ladner, Leon Johnson, Vancouver ..... B.A. 39, LL.B.
Landells, Robert, Golden ..... B.A. 10
Lane, Arthur Edward Cecil, Cowichan Bay ..... M.A. 30
Lane, James Eldon, New Westminster ..... B.A. 31
Lane, Laura Mathilda, New Westminster ..... B.A. 46
Lane, Robert Wallace, New Westminster ..... B.A. 31
Lang, Benjamin, Vancouver ..... M.D. 23
Lang, Warren Hastings, Vancouver ..... M.D. 23
Langford, Frederick William, Vancouver ..... B.A. 39
Langley, Albert Godwin, Vancouver ..... B.Sc. 25
Large, Oliver Sydney, Vancouver ..... M.B. 39
Large, R. W., Port Simpson ..... M.B., C.M. 41
Larsen, Thorleif, Victoria ..... B.A. 30
Lathe (née Smith), Annie, Grand Forks ..... B.A. 25
Lathe, Frank Eugene, Grand Forks ..... B.A. 25, B.Sc.
Latimer, Frank Herbert, Penticton ..... C.E. 33
Lavelle, Walter H., Nakusp ..... M.D. 31
Lavenrock, Lily T., Vancouver ..... B.A. 25
*Deceased.

*Lawrence, Robert, Vancouver ..... M.D. 39
Lawson, John Paton, Vancouver ..... B.A. 23
Layton, Francis P. H., Vancouver ..... B.A. 10
Lazier, David B., South Fort George ..... M.D. 31
Lea, William James, Vancouver ..... D.D.S. 39, D.D.C.
Lees, F. W., Cranbrook ..... M.D. 25
Lehman, Edna, Victoria ..... B.A. 25
Le Messurier, Ernest, Vancouver ..... B.A. 46
Leonard, Harry M., Victoria ..... B.C.L. 17
Lett, Sherwood, Vancouver ..... B.A. 46
Levey, Thomas Henry, New Westminster ..... D.D.S. 39
Lindsay, Gordon, Vancouver ..... B.A. 25
Little, David C., Vancouver ..... B.A. 39
Livingston, Stuart, Vancouver ..... LL.B. 39
Lloyd, Herbert Mostyn, Vancouver ..... B.Sc. 25
Lockett, George Vernon, Vancouver ..... M.D., C.M. 12, M.R.C.S., L.R.C.P.
Logie, Edward S., Point Grey, ... B.A. 46
Logie, Frederick George, Vancouver ..... M.D. 25
Logan, H. T., Vancouver ..... B.A. 25, 30
Logan, Robert F., Kamloops ..... B.A. 10
Lord, Alexander R., Kelowna ..... B.A. 31
Lucas, Allan Stanley Bruce, Prince Rupert ..... B.Sc. 25
Lucas, Frederick George Tanner, Vancouver ..... B.A. 39
Lucas, Frederick Travers, Prince Rupert ..... B.Sc. 25
Luckraft, Lawrence Charles, Vancouver ..... B.A. 46
Lugrin, Charles H., Victoria ..... M.A. 28
Maitland, Robert Reid, Vancouver ..... LL.B. 39
Manchester, George Herbert, New Westminster ..... M.D. 25
Manning, Zenies Viril, Vancouver ..... B.A. 25
Manson, Alexander Malcolm, Prince Rupert ..... B.A. 39
Manson, William, Prince Rupert 1
Mappin, Frederick T., Vancouver ..... B.A. 30
Marett, Albert Ernest, Vancouver ..... Phm.B. 39
Martin, Alexis, Victoria ..... B.A. 41, M.A. 41
Martin, E. A., Kelowna ..... M.D. 25
Martin, John Alexander, Vancouver ..... B.A. 39
Mather, Frederick J., Vancouver ..... B.A. 23
Mathews, Stanley W., Vancouver ..... M.A. 31
Matthews, Allan F., Kamloops ..... M.A. 10
Maughan, Joseph Albert, Merritt ..... B.A. 23
Maxwell, William Forest, Vancouver ..... B.A. 46
Maycock, Elizabeth Jane, Vancouver ..... B.A. 10, M.A.
Mayers, Francis James, Vancouver ..... B.A. 23

*Deceased.

Meadows, Stanley, Vancouver ..... B.A. 25
Melvin, Moses Gordon, New Westminster ..... B.A. 23
Meredith, William James Elmore, New Westminster ..... B.A. 39
Messinger, Mary Irene, Vancouver ..... B.A. 3
Middleton, Morrice Smith, Nelson ..... B.S.A. 39
Mildmay, Aubrey N. St. John, Vancouver ..... B.A. 30, M.A.
Millar, J. Ferguson, Penticton ..... B.A. 31
Miller, Grace Winifred, Vancouver ..... B.A. 46
Miller, John Herbert, Agassiz ..... B.A. 31
Miller, John Wesley, Port Alberni ..... B.A. 39
Miller, Roland McLeod, Vancouver ..... B.A. 46
Mills, Charles George, Vancouver ..... Phm.B. 39
Mills, John Albert, Vancouver ..... M.D., C.M. 39
Mills, Lennox Algernon, Vancouver ..... B.A. 46
Milne, George Lawson, Victoria ..... M.D., C.M., 43, M.D. 39
Moilliet, John Lewis, Vancouver ..... B.A. 30
Monro, Alexander Stewart, Vancouver ..... M.D., C.M. 23
Montgomery, Edgar Gordon, Vancouver ..... B.Sc. 25
Moody, Margaret Hutton, Vancouver ..... B.A. 10
Moore, Samuel, Vancouver ..... B.A. 23, M.A. 23
Morgan, Arthur D., Alberni ..... M.D. 25
Morgan, Edward Wesley, Vancouver ..... B.A. 39
Morley, Sidney Frederick, Victoria ..... B.A. 30
Morris, H. H., Vancouver ..... B.A. 5
Morris, Osborne, Vernon ..... M.D. 25
Morrison, Aulay, Vancouver ..... LL.B. 10
Morrison, Patrick George, Fernie ..... Phm.B. 39
Moule, Francis S., Salmon Arm ..... B.A. 25
Muir, Andrew Crichton, Sandwick ..... B.A. 25
Muir, John Nicholson, Sandwick ..... B.A. 25
Mulhern, John Edward, Vancouver ..... B.A. 46
Mullin, J. J., Extension ..... M.D. 25
Munn, D. Walter, Montreal ..... M.A. 25, M.Sc. 25
Munn (née Bouchard), T. C., Montreal ..... B.A. 25
Munro, Donald Hugh, Vancouver ..... B.A. 46
Murphy, Dennis, Vancouver ..... B.A. 29
Murray, Charles Rutherford, Victoria ..... B.A. 10
Murray, Charles William, Mission City ..... B.Sc. 31
Murray, George, Nicola ..... M.A. 13
Murray, Paul, Peachland 1
Murray, William Ewart Gladstone, Vancouver ..... B.A. 25
MacDermott, John Henry, Vancouver ..... M.D. 25
MacDonald, Alexander, Victoria ..... D.D. 1
Macdonald, Blanche, Nanaimo ..... B.A. 10

Macdonald, M. A., Vancouver ..... LL.B. 39
Macfarlane, Arthur Douglas, Victoria ..... B.A. 39
Macfarlane, Andrew Kerr Hastings, Vancouver ..... B.A. 31
MacGill (née Gregory), Helen Emma, Vancouver .....
..... Mus.Bac. 41, B.A. 41, M.A. 41
MacGill, James Henry, Vancouver ..... B.A. 41, M.A.
Macgowan, A. H. B., Vancouver 1
MacInnes, Isabel, Vancouver ..... M.A. 31
MacInnes, John Alexander, Vancouver ..... B.A. 31
MacInnes, William Hedley, Vancouver ..... B.A. 31
Mackay, Donald McGregor, Vancouver ..... B.A. 10, M.D.
MacKay, John, Vancouver ..... B.A. 39, B.D.
MacKay, Neil F., Victoria ..... B.A. 10
MacKechnie, Lachlan N., Vancouver ..... M.B. 39
MacKenzie, Harry Havelock, New Westminster ..... B.A. 10
MacKenzie, Jessie Jean, Vancouver ..... M.A. 31
MacKenzie, Kenneth Alexander, Vancouver ..... B.A.Sc. 39
MacKenzie, Mary Lizbeth, Vancouver ..... B.A. 10
MacKinnon, G. E. L., Nelson ..... M.D. 25
MacKinnon, George Watson, Ladysmith ..... B.A. 31
MacLaughlin, Alexander Jackson, Vancouver ..... M.D., C.M. 31
MacLaurin, Donald Leslie, Victoria ..... B.A. 26
Maclean, Alice Anne, Vancouver ..... B.A. 37
Maclean, Charles George Grieg, Hazelton ..... M.D., C.M. 25
MacLean, John Duncan, Greenwood ..... M.D. 25
MacLeod, Alexander Robertson, Vancouver ..... B.A. 25
MacLeod, Frank Thomas, Victoria ..... B.A. 10
MacLeod, Jean Marie, Vancouver ..... B.A. 46
MacLeod, John Virgil, Sardis ..... B.A. 25
Macleod, Adele, Victoria ..... M.A. 3
Macleod, Jenny Isabel, Victoria ..... B.A. 3
MacMillan, Hugh, Vancouver ..... M.D. 25
MacMillan, Isabel Gray, Vancouver ..... B.A. 46
Macnaghten, Ronald E., North Vancouver ..... M.A. 6
MacNaughten, George Kerr, Cumberland ..... B.A. 28, M.D., C.M. 25
Macnaughten, Jean L. M., Victoria ..... B.A. 25
Macneill, Albert H., Vancouver ..... L.L.B. 10
MacPhail, David James, Vancouver ..... B.A. 26
MacPhail (née Ross), Mary Elsie, Vancouver ..... B.A. 39
MacPhail, Mary Campbell, Vancouver ..... B.A. 26
McAdam, Guy J., Vancouver ..... B.A. 28, M.A.
McArthur, Neil John, Vancouver ..... B.A. 39
McBride, Richard, Victoria ..... LL.B. 10
McCallum, John Aylmer, Grand Forks ..... B.A. 39

McColl, Evan Charles Walter, Port Moody ..... B.A. 31
McConkey (née Sibbald), Mary, Vancouver ..... B.A. 23
McConkey, William Andrew, Vancouver ..... M.D. 23
McClugan, Ellen, Vancouver ..... B.A. 25
McCoy, Emma Caroline, Vancouver ..... B.A. 25
McCoy, Joseph, Victoria ..... B.A. 39, M.A. 39
McCrossan, George Edward, Vancouver ..... B.A. 23, M.A.
McDiarmid, Christie, Langley ..... B.A. 23
McDiarmid, Colin Andrew, Vancouver ..... M.D., C.M. 25
McDiarmid, Stuart Stanley, Vancouver ..... B.Sc. 31
McDonald, William Forbes, Vancouver ..... M.D., C.M. 25
McDougall, Clarence Hobart, Moyie ..... B.Sc. 25
McDuffie, R. H., Vancouver ..... Phm.B. 39
McElhanney, William Gordon, Vancouver ..... B.A. 39
McEwan, Edwin Howard, New Westminster ..... M.D. 25
McEwan, Stanley Cameron, Hammond ..... M.D. 25
McGarrigle, Thomas Andrew, Victoria ..... B.A. 28
McIntosh, D. H., Summerland ..... B.A. 26
McIntosh, Douglas, Vancouver ..... M.A. 10, D.Sc.
McIntosh, Hamish Heney, Vancouver ..... M.D. 25
McIntosh (née Burns), Helena Keith, Vancouver ..... B.A. 39
McIntosh, John William, Vancouver ..... B.A. 39, M.B.
McIntyre, Douglas Neil, Victoria ..... B.A. 31
McKay, J. G., New Westminster ..... M.D. 25
McKay, William Moore, Vancouver ..... B.A. 39
McKechnie, Robert Edward, Vancouver ..... M.D., C.M. 25
McKechnie, William Boyd, Vancouver ..... M.B. 39, M.D.C.M.
McKechnie, William Cecil, Vancouver ..... M.D. 25
McKee, Charles Sears, Vancouver ..... M.B. 39
McKeen, Mabel Helen, Vancouver ..... B.A. 25
McKeen, William G., Vancouver ..... B.A. 10
McKillop, Alexander, Vancouver ..... B.A. 31
McKenzie, James T., Vancouver ..... M.D. 25
McKim, Harold Claude Nelson, Vancouver ..... B.A. 23
McLaren, Duncan Bright, Victoria ..... B.A. 6
McLaren, E. D., Vancouver ..... B.A., D.D. 1
McLatchy, Herman Jackson, Vancouver ..... B.A. 28
McLellan, Leander Blair, Vancouver ..... B.A. 10
McLellan, R. Burns, Vancouver ..... B.Sc. 25
McLennan, A. L., Vancouver ..... B.A. 31, M.D. 25
McLennan, Peter Andrew, Vancouver ..... M.D., C.M. 25
McLeod, Finnimore Melbourn, Vancouver ..... B.A. 28
McLeod, Hazel Elizabeth, Vancouver ..... B.A. 25
McMicking, Antony Edgar, Victoria ..... M.D., C.M. 25

McMillan, Edgar Roy, New Westminster ..... B.A. 39, M.A.
McNaughton, M. H., Victoria 1
McNeill, Elsie, Vancouver ..... B.A. 3
McNiven, Catherine, Vancouver ..... B.A. 10
McNiven, John J., Vancouver ..... B.Sc. 25
McPhee, T. J., Comox ..... M.D. 25
McPhillips, A. E., K.C., Victoria 1
McPhillips, Francis Xavier, Vancouver ..... M.D. 23
McQueen, Elizabeth, Vancouver ..... B.A. 25
McQueen, George Robert, Vancouver ..... B.A. 25
McQueen, Kate Hewiston, Vancouver ..... B.A. 25
McQueen, William, Vancouver ..... B.A. 39
McRae, Duncan A., Cloverdale ..... B.A. 25
McRae, John, Vancouver ..... Phm.B. 39
McTaggart, Donald Edgar, Vancouver ..... B.A. 25
McTavish, Frank Cornwall, Vancouver ..... M.B. 39
McTavish, William A., Vancouver ..... M.B. 39
Nelles, Thomas Ransom B., Vancouver ..... M.D., C.M. 25
Newcombe, William Edwin, North Vancouver ..... M.D. 25
Nicholson, Francis John, Vancouver ..... M.D. 25
O'Boyle, William Patrick, New Westminster ..... B.A. 29
O'Brien, Leslie J., Nanaimo ..... B.A. 39
O'Dell, Maunsell B., Vancouver ..... B.A. 23
Odlum, Edward, Vancouver ..... B.A. 39, M.A., B.Sc.
Ogilvie, William Prescott, Vancouver ..... B.C.L. 25
O'Meara, Arthur E., Victoria ..... B.A. 39
O'Shea, James, Nelson ..... B.A. 31
Owen, Cecil Caldbeck, Vancouver ..... B.A. 39
Palmer, John Thomas Edward, Vancouver ..... B.A. 6
Panton, Kenneth Douglas, Vancouver ..... M.B. 39
Parkinson, Stella Howchin, Vancouver ..... B.Sc. 4
Paterson, Edith Louise, Vancouver ..... B.A. 25, M.A.
Patterson, Frank Porter, Vancouver ..... M.D., C.M. 25
Pattison, Thomas, Vancouver ..... M.A. 13
Patton, William Daniel, Vancouver ..... M.D., C.M. 25
Paul, Edward Burness, Victoria ..... M.A. 2
Paul, Norman Joseph, Vancouver ..... M.D. 23
Paulin, Stanley, Vancouver ..... M.B. 39
Pearcy, Wilhelmine Wickham, Vancouver ..... B.A. 39
Pearson, John Mawer, Vancouver ..... M.D., C.M. 39
Peele, Sidney Beresford, Vancouver ..... M.D. 25
*Pemberton, Robert George, Vancouver ..... M.A. 6
*Pentreath, Edwyn Sandys Watmore, Vancouver ..... B.D. 23, D.D.

*Deceased.

Perkins, Ella Dawson, Vancouver ..... B.A. 10
Perry, Aaron Jenkins, West Summerland ..... M.A. 3
Perry, Dallas Gordon, Vancouver .....
..... M.D., C.M. 23, M.R.C.S., L.R.C.P., F.R.C.S. 12
Petapiece, Aza W., East Burnaby ..... B.A. 31
Petersky, Samuel, Vancouver ..... M.D., C.M. 25
Petrie, John Alexander, Merritt ..... B.A. 31, B.D. 31
Phipps, Roy Gage, Vancouver ..... B.A. 25
Pidgeon, George Campbell, Vancouver ..... B.A. 25, D.D. 25
Pollock, Francis, Vancouver ..... D.D.S. 39
Porter, James, Vancouver ..... B.E. 34
Pottenger, Arthur Buchanan, Vancouver ..... B.A. 39, M.A.
*Powell, Israel W., Victoria ..... M.D. 25
Price, Milton, Vancouver ..... B.A. 28, M.A. 28, B.C.L. 17
Price, Thomas Ernest, Vancouver ..... B.A. 25, B.Sc.
Pringle, Herbert S., Victoria ..... B.A. 31
Procter, Arthur Percival, Vancouver ..... M.D., C.M. 23
Prowd, Charles Wesley, Vancouver ..... M.B. 39
Purdue, Anna J. G., Kaledon ..... B.A. 28
Racey, Percy W., Rossland ..... B.Sc. 25
Rae, William, Vancouver ..... B.A. 2, B.L.
Raines, Frank Norman, Vancouver ..... B.A. 39, M.A.
*Rand, Charles David, Vancouver ..... B.A. 3
Rand, William Lawson, Vancouver ..... B.A. 3
Rankin, Annie B., Vancouver ..... B.A. 39
Raphael (née McLeod), Euphemia, Barnet ..... B.Sc. 25
Raphael, Gordon Stewart, Barnet ..... B.Sc. 25
Raynor, Laura M., Lund ..... B.A. 10
Reid, Albert Thomas Scott, Vancouver ..... Phm.B. 39
Reid, James George, Salmon Arm ..... B.A. 23
Riggs, Herbert Wilkinson, Vancouver ..... M.D., C.M. 23
Ritchie, Thomas Navin, West Summerland ..... B.A. 26
Rive, Henry, Victoria ..... B.ScAgr. 39
Roberts, Hugh Henry, Vancouver ..... B.E. 20, B.Sc. 22
Roberts, Thomas Henry R., Vancouver ..... B.A. 39
Robertson, A. M., Vancouver ..... M.D., C.M. 25
Robertson, David, Vancouver 1
Robertson, Francis Arthur, Victoria ..... B.A. 23, M.A.
Robertson, Harold E. B., Victoria ..... B.A. 41
Robertson, James Robert, Nanaimo ..... B.A. 23, B.D.
Robertson, Lemuel, Vancouver ..... B.A. 25, M.A. 25
Robertson, Norman Roy, Vancouver ..... B.Sc. 39
Robertson, Thomas Joseph, New Westminster ..... B.A. 46
*Deceased.

Robertson, William Fleet, Victoria ..... B.A.Sc. 25
Robinson, Alexander, Victoria ..... B.A. 10, LL.D. 10
Robinson, David Magee, Victoria ..... B.A. 10
Robinson, George Edward, Vancouver ..... B.A. 10
Robinson, Jean, Victoria ..... B.A. 46
Robinson, J. M., Naramata 1
Robinson, John T., Kamloops 1
Robson, John, Victoria ..... B.A. 39, B.D.
Rogers, Reginald Heber, Alberton, P. E. I. ..... B.A. 25, M.A., B.C.L.
Rolston, Cecil Michel, Vancouver ..... M.D. 23
Roper, John Charles, Victoria ..... D.D. 1
Rose, George Christian, Kelowna ..... M.A. 2
Rose, William Oliver, Nelson ..... M.D. 25
Ross, Edwin Byron, Vancouver ..... B.A. 10, M.A. 10, LL.B. 10
Ross, Stuart Aird, Vancouver ..... M.D. 25
Ross, William Roderick, Victoria ..... B.A. 23, M.A.
Rubinowitz, Israel Isidore, Vancouver ..... B.A. 25
Russell, Ernest Howard, Victoria ..... B.A. 31
Russell, Joseph Ambrose, Vancouver ..... LL.B. 10
Russell, Robert Guthrie, Vancouver ..... B.Sc. 12
Rutherford, Widmer John, Vancouver ..... D.D.S. 39
Ryan (née Reynolds), Helen Elizabeth, Victoria ..... M.D., C.M. 31
Sanford, Albert M., New Westminster ..... B.A. 27, D.D.
Saunders, Edward H., Vancouver ..... M.D., C.M. 25
Saunders, Frank Caithness, Vancouver ..... B.A. 25
Saunders, Thomas Fyson, Baynes Lake ..... M.D., C.M. 31
Sawyer, Everett W., Summerland ..... B.A. 3, D.C.L.
Schinbein, Austin Birrell, Vancouver ..... M.B. 39
Schultz, Samuel Davies, Vancouver ..... B.A. 39
Schwarze, Heinrich Karl, Nanaimo ..... M.A. 23
Schwesinger, Gladys Clotilde Johanna, Point Grey ..... B.A. 46
Scott, Snowdon Dunn, Vancouver ..... B.A. 14, M.A. 27
Scott, Thomas Smythe, Vancouver ..... B.A. 31, B.Sc.
Scrimgeour, John Murray, Vancouver ..... M.A. 36, LL.B. 12
Seale, Howell Hinds Lewis, Alberni 11
Seldon, George Elliott, Vancouver ..... M.D., C.M. 39
Selman, Gordon Samuel, Vancouver ..... B.A. 25
Senkler, John Harold, Vancouver ..... B.A. 39
Sexsmith, Franklin Frederick Burrows, Eburne ..... B.A. 46
Shaw, Effie Lovica, Shuswap ..... B.A. 39
Shaw, Henry Curtis, Vancouver ..... B.A. 10
*Shaw, John, Nanaimo 1
Shaw, R. McL., Michel ..... M.D. 25

*Deceased.

Shaw, Vernon Hastings, Vancouver ..... B.C.L. 10
Shearman, Thomas Stinson Becket, Vancouver ..... B.A. 46
Shewan, Douglas Robert, Vancouver ..... M.D., C.M. 25
Shurie, Josiah Sinclair, Vancouver ..... B.A. 31, M.D., C.M. 39
Silva-White, Algernon, Nanaimo ..... B.A. 23, M.A.
Simpson (née Peppard), Sara Isabel, Vancouver ..... B.A. 10
Sinclair, Archibald Clayton, Victoria ..... M.B. 39
Skaling, Arthur Clifton, Vancouver ..... B.A. 25
Sloan, David, Vancouver ..... B.Sc. 31
Smillie, Robert, Nelson ..... B.A. 39
Smith, Alexander G., Victoria ..... M.A. 2
Smith, Arthur Gordon, Vancouver ..... B.A. 39
Smith, A. Neville, Vancouver ..... B.A. 25
Smith, B. S., Nanaimo ..... M.D. 25
Smith, David Angus, Vancouver ..... B.A. 46
Smith, Frank Frieze, Kamloops ..... B.A. 10
Smith (née Gass), Helen B., Armstrong ..... B.A. 25
Smith (née Robson), Helen Douglas, Vancouver ..... B.A. 39
Smith, Margaret Ann, Collingwood ..... B.A. 25
Smith (née McWhinney), M. Olive, Vancouver ..... B.A. 25
Smith, William A. deWolf, New Westminster ..... M.D., C.M. 25
Smyth (née Thompson), Lottie, Vancouver ..... B.A. 31
Smyth, Walter L., Vancouver ..... B.Sc. 31
Souper, Noel Beaumont, Cowichan Bay ..... B.A. 6
Southcott, James Percy Caldwell, Vancouver ..... B.A. 46
Sovereign, Arthur Henry, Vancouver ..... B.A. 29, M.A.
Spankie, James Ernest, Vancouver ..... M.D., C.M. 31
Spencer, John Miller, New Westminster ..... Phm.B. 39
Sprott, Robert James, Vancouver ..... B.A. 39
Stapleford, Ernest William, Saskatchewan ..... B.A. 39
Stapleford, Frank N., Victoria ..... B.A. 39
Stapleford (née Bunting), Maude, Saskatchewan ..... B.A. 39
Staples, Otis, Cranbrook 1
Steed, Willmott Benson, Nelson ..... D.D.S. 39
Stephen, John, Malcolm Island ..... M.A. 2
Sternberg, Frank, Victoria ..... B.A. 39
Sterns, Edith B., Charlottetown, P. E. I. ..... B.A. 3
Steeves (née Shampier), Jessie Maude, Steveston ..... B.A. 3
Stewart, Robert Holden, Trail ..... B.Sc. 25
Stewart, William Edgar, Vancouver ..... B.Sc. 10
St. James, Leah A., Vancouver ..... B.A. 25
Stott, William, Quesnel ..... B.A. 31
Sullivan, Albert, Victoria ..... B.A. 31
Sullivan, Michael Henry, Trail ..... B.Sc. 25

Suter, Robert W., Vancouver ..... B.A.Sc. 25, B.A. 26
Sutherland, James A., Vancouver ..... M.D. 25
Sutherland, William Henry, Revelstoke ..... M.D., C.M. 25
Sutton, W. J., Victoria 1
Swan, William George, Vancouver ..... B.A.Sc. 39
Swanson, John D., Kamloops ..... B.A. 39
Sweet, John Hales, Vancouver ..... B.A. 28
Swift, T. A., Abbotsford ..... M.D. 25
Switzer (née Paterson), Isabel McNab, Vancouver ..... B.A. 23
Tanner, Gordon, Vancouver ..... B.A. 23
Tapscott, Frederick T., Victoria ..... B.A. 26, M.A.
Taylor, Archibald Dunbar, Vancouver ..... B.A. 25, B.C.L. 25
Taylor, Edna May, Vancouver ..... B.A. 46
Taylor, J. D., New Westminster 1
Taylor, James Norman, Golden ..... M.D. 25
Teakles (née McLaurin), Elizabeth, Vancouver ..... B.A. 26
Teakles, William Burnett H., Vancouver ..... B.A. 26
Telford, Norman, Vancouver ..... M.B. 39
Telford, Robert, Vancouver ..... M.D., C.M. 25, F.R.C.S.
Thomas, Louise L., Nelson ..... B.A. 10
Thomas, Morris W., Victoria ..... M.D., C.M. 25
Thomas, Owen James, Vancouver ..... B.A. 25
Thomas, Theadore Gauntlett, Victoria ..... B.A. 30
Thompson, A. Rutherford, Vancouver ..... B.A. 25
Thompson, Clausen A., Vancouver ..... B.A. 46
Thomson, Charles Alexander, Rossland ..... B.A. 10, M.A. 19
Thomson, James Wolsley, Vancouver ..... M.D., C.M. 25
Thorn, John Bain, Vancouver ..... M.D. 23
Tolmie, S. F., Victoria 1
Townley, Thomas Owen, Vancouver ..... B.A. 39
Tracy, Arthur George, Victoria ..... B.A. 6
Trapp, T. J., New Westminster 1
Trousdale, Frederick Harry, Vancouver ..... M.D., C.M., 31
Truax, Windsor, Grand Forks ..... M.D. 25
Tuck, S. P., Nelson 1
Tulk, Albert Edward, Vancouver ..... B.C.L. 25
Tunstall, Charles A., Vancouver ..... M.D. 25
Tunstall, Simon J., Vancouver ..... B.A. 25, M.D., C.M. 25
Turnbull, Herbert Lorne, Vancouver ..... M.B. 39
Turnbull, James L., Vancouver ..... M.B. 39, M.D.
Turnbull, John Moncrieff, Vancouver ..... B.A.Sc. 25
Turnbull, John Rodney, Vancouver ..... B.A. 26
Uchida, Chitose, Vancouver ..... B.A. 46
Underhill, Frederick Clare, Vancouver ..... B.Sc. 25

Van Blaricom, Ida M., Vancouver ..... B.A. 23
Vance, William Hugh, Vancouver ..... B.A. 39, M.A.
*Van Munster, Rein, North Vancouver ..... M.A. 23
Vermilyea, Ada Irene, Vancouver ..... B.A. 46
Wade, Frederick Coate, Vancouver ..... B.A. 39
Wade, Mark Leighton, Kamloops ..... B.Sc. 25, E.E.
Walkem, Richard Knox, Vancouver ..... B.A. 31
Walkem, W. Wymond, Vancouver ..... M.D. 31
Walker, Eliza C., Vancouver ..... B.A. 10
Walker, James Alexander, Fort George ..... B.A.Sc. 39
Walker, Richard Eden, New Westminster ..... M.D., C.M. 41
Wallace, Horatio, Kelowna ..... M.A. 12
Walsh, Harold Edgar, Vancouver ..... B.A. 46
Walsh, William Charles, Vancouver ..... M.B. 39
Walsh, Walter William, Vancouver ..... B.A. 29
Waring, Henry F., Vancouver ..... B.A. 3
Wark, Albert Edward, Vancouver ..... D.D.S. 39
Waters, Wright Stevenson, Victoria ..... B.Sc. 32
*Watt, Alfred Tennyson, William Head ..... M.D., C.M. 43, M.B. 39
Watt, Hugh, Fort Steele ..... M.D., C.M. 43, M.D. 39
Watt, (née Robertson), Madge Robertson, William Head ..... B.A. 39, M.A. 39
Watson, James Livingstone, Kreenwood ..... B.A. 39
Weld, Octavius, Vancouver ..... B.A. 39, M.B.
Weldon, R. C., Michel ..... M.D. 25
Welsh, Duncan John, Kelowna ..... B.A. 26, B.D. 7
Wesbrook, Frank Fairchild, Vancouver ..... M.A., M.D., C.M., LL.D. 23
White, Charles John, Vancouver ..... B.A. 23
White, Edward Woodman, New Westminster ..... B.S.A. 39
White, Gilbert James Coulter, Summerland ..... B.A. 3
White, Gilbert Vincent, Summerland ..... B.S. 3, M.A.
White, James Henry, Sardis ..... D.D. 43
White, John Maw, Vancouver ..... Phm.B. 39
White, Reginald B., Penticton ..... M.D. 25
Whitelaw, William Albert, Vancouver ..... M.D., C.M. 25
Whitteker, Walter Clifford, Vancouver ..... M.D., C.M. 31
Whittington, Robert, Vancouver ..... B.A. 39, M.A., B.Sc.
Whyte, Harold Eustace, Victoria ..... B.Sc. 25
Willet, Jean Treveneu, Vancouver ..... B.A. 25
Williams, Adolphus, Vancouver ..... B.A. 39
Williams, C. S., Merritt ..... M.D. 25
Williams, William Edward, Prince Rupert ..... B.A. 39, LL.B.
Willis, Samuel J., Victoria ..... B.A. 25
Winslow, Rainsford-Hannay, Vancouver ..... B.Sc. 25

* Deceased.

Winslow, Roy Maywood, Victoria ..... B.S.A. 39
Wilson, Albert Arthur, Vancouver ..... M.D., C.M. 25
Wilson, Alexander Douglas, Vancouver ..... B.A. 39, LL.B.
Wilson, David, Victoria ..... B.A. 28
Wilson, David Henry, Vancouver ..... M.B. 39
Wilson (née Anderson), E. Lazelle, Vancouver ..... M.B. 39
Wilson, Frederick Charles, Vancouver ..... B.A. 23
Wilson, George Halford, Vancouver ..... B.A. 39
Wilson, George Thomas, New Westminster ..... B.A. 25, M.D., C.M.
Wilson, J. A. Kerr, Ladner ..... M.D. 25
Wilson (née Northway), Mary Isabel, Vancouver ..... B.A. 39
Wilson (née Dixon), Margaret, Vancouver ..... B.A. 25
Wilson, Mary Letitia, Vancouver ..... B.A. 46
Wilson, Robert James, Vancouver ..... B.A. 39, M.A.
Wilson, Thomas Alexander, Vancouver ..... M.D., C.M. 31
Wilson, Thomas Evered, Vancouver ..... B.A. 39
Wilson, Wallace Algernon, Vancouver ..... B.A. 39, M.B.
Wilson, William Cochrane, Vancouver ..... B.A. 46
Wolverton, Newton, Nelson ..... B.A. 39, LL.D. 26
Wood, Burton J., Vancouver ..... B.Sc. 10
Wood, Charles Nelson, Vancouver ..... Phm.B. 39
Wood, Frederic G. C., Vancouver ..... B.A. 25
Wood, Herbert Spencer, Vancouver ..... B.A. 31
Woodland, Harold Elton, Grand Forks ..... Phm.B. 39
Woodley, James Walter, Vancouver ..... M.D. 25
Woodside, John William, Vancouver ..... M.A. 23
Woodworth, Charles M., Vancouver ..... B.A. 3, M.A., LL.D. 10
Woodworth, Victor, Chilliwack ..... B.A. 3
Woollard, Charles, Vancouver ..... M.D. 23
Workman, William, Coal Creek ..... B.Sc. 31
Worthington, George Harvey, Vancouver ..... M.D., C.M. 39
Wortley, H. E., Vancouver ..... B.A. 30
Wright, George R., Vancouver ..... B.Sc. 25
Wright, J. S., Vancouver ..... M.D. 23
Wrinch, Horace Cooper, Hazelton ..... M.D., C.M. 39
Wyatt, John Milford, Vancouver ..... B.A. 39
Wyllie, William Andrew, Kamloops ..... B.A. 39
Yandall, Byron Angus, South Hill ..... B.A. 28
Yates, Arthur, Victoria ..... B.A. 25, B.A. 30
Young, Frederick McBain, Prince Rupert ..... B.A. 39
Young, Henry Esson, Victoria ..... B.A. 31, M.D., C.M. 25, LL.D. 39, LL.D. 25
Young (née Watson), Rosalind Watson, Victoria ..... B.A. 25, M.A.

INDEX.