The University of British Columbia

Vancouver, B. C.

ANNOUNCEMENT

OF THE

SUMMER SESSION

SEVENTH SESSION

JULY 5TH TO AUGUST 14TH, 1926

SUMMER SESSION

OFFICERS AND STAFF

L. S. KLINCK, M.S.A., D.Sc., LL.D., President of the University.

JOHN ALLARDYCE, M.A. (Brit. Col.), Instructor in Chemistry.

MADAME G. BARRY, Brevet Superieur, Certificat d'Aptitude Pedagogique (French State Diploma), Tutor in Oral French.

S. E. BECKETT, M.A. (Queen's), Assistant Professor of Economics.

W. K. BEECH, B.A. (Queen's), M.A. (McMaster and British Columbia), B.Paed (Toronto), Principal of the High School of Commerce, Vancouver. Special Lecturer in Advanced Commercial Work.

T. H. BOGGS, B.A. (Acadia and Yale), M.A., Ph.D. (Yale), Professor of Economics and Head of the Department.

E. M. BURWASH, M.A. (Toronto), B.D. (Victoria), Ph.D. (Chicago), Lecturer in Geography.

H. T. J. COLEMAN, B.A. (Toronto), Ph.D. (Columbia), Professor of Philosophy and Head of the Department. Director of the Summer Session.

JOHN DAVIDSON, F.L.S., F.B.S.E., Assistant Professor of Botany.

E. E. DELAVAULT, B.esL., L.enD. (Paris), Assistant in Oral French.

W. H. FENTON, L.C.P. (College of Preceptors, London, Eng.), Head of Commercial Department, King George V. High School. Special Lecturer in Advanced Commercial Work.

MISS JANET T. GREIG, B.A. (Queen's), Instructor in French.

JAMES HENDERSON, M.A. (Glasgow), Associate Professor of Philosophy.

A. H. HUTCHINSON, M.A. (McMaster), Ph.D. (Chicago), Professor of Botany and Head of the Department. Lecturer in Biology.

E. E. JORDAN, M.A. (Dal.), Assistant Professor of Mathematics.

H. L. KEENLEYSIDE, B.A. (Brit. Col.), Ph.D. (Clark), Lecturer in History.

H. T. LOGAN, B.A. (McGill and Oxon), M.A. (Oxon), Associate Professor of Classics.

W. L. MacDONALD, B.A. (Toronto), M.A. (Wisconsin), Ph.D. (Harvard), Associate Professor of English.

M. J. MARSHALL, B.S.c., M.Sc. (McGill), Ph.D. (Mass. Inst. of Technology), Assistant Professor of Chmistry.

F. M. QUANCE, M.A., Ph.D. (Columbia), Principal Regina Normal School, Special Lecturer in Philosophy of Education.

G. E. ROBINSON, B.A. (Dalhousie), Associate Professor of Mathematics.

W. N. SAGE, B.A. (Toronto and Oxon), M.A. (Oxon), Ph.D. (Toronto), Associate Professor of History.

G. G. SEDGEWICK, B.A. (Dal.), Ph.D. (Harvard), Professor of English and Head of the Department.

W. F. SEYER, B.A., M.Sc. (Alberta), Ph.D. (McGill), Associate Professor of Chemistry.

G. M. SHRUM, M.A., Ph.D. (Toronto), Assistant Professor of Physics.

F. H. SOWARD, B.A. (Toronto), B. Litt. (Oxon), Assistant Professor of History.

F. C. WALKER, B.A. (U. N. B.), A.M., Ph.D. (Harvard), Assistant Professor of English.

GEORGE M. WEIR, B.A. (McGill), M.A. (Sask.), D.Paed. (Queen's), Professor of Education.

MRS. JENNIE BENSON WYMAN, B.A., M.Sc. (New Zealand), A.M., Ph.D. (Stanford), Director, Bureau of Child Welfare, University of Iowa. Special Lecturer in Education.

F. DALLAS, Bursar.

S. W. MATHEWS, M.A. (Queen's), Registrar.

J. RIDINGTON, Librarian.

All inquiries should be addressed to The Director of the Summer Session, The University of British Columbia, Vancouver, B. C.

THE SUMMER SESSION, 1926

The seventh Summer Session of the University of British Columbia will be held during the six weeks, July 5th to August 14th inclusive. The University is now settled in its new quarters at Point Grey, about six miles from the centre of Vancouver, and provides, in the new buildings, ample accommodation for the classroom and laboratory work of the Summer Session.

It is believed that no group of University buildings on the continent has more beautiful and inspiring surroundings, and Summer Session students will be able to enjoy those surroundings to the full because of the equable and sunny climate which is characteristic of the summer months in Vancouver and vicinity.

There is a convenient transportation service from Vancouver. Buses operated by the B. C. Electric railway run from the street-car line at the corner of 10th avenue and Sasamat street direct to the University. The combined street-car and bus fare is ten cents, and the running time from down town Vancouver is three-quarters of an hour. There is extensive boarding-house accommodation, in West Point Grey, within a ten minutes' ride by bus from the University. The bus fare is three cents.

Summer Session students will have ample opportunity for outdoor exercise and recreation, and provision will be made, as heretofore, for special features, such as excursions and picnics, which have been such an agreeable feature of Summer Session life in years past. Point Grey has excellent beaches for sea-bathing and these are within easy walking distance of the University.

In compliance with the request of the Summer Session students' association, advanced courses have been provided, the successful completion of which, by regular students, entitles to credit in the Third Year of the Arts Course. These will be found outlined under the announcements of the Departments of Chemistry, Economics, English, History and Philosophy. It is hoped that the special courses in Education by visiting lecturers will meet with the favorable reception that has been accorded to them in previous years.

To meet the new conditions under which the Summer Session is being held, the University cafeteria will serve luncheon and supper, and light refreshments may be obtained throughout the day at reasonable rates. The cafeteria is situated in the Auditorium Building and possesses the most modern equipment for the service and convenience of patrons. The management of the cafeteria is prepared to cater to picnic and luncheon parties and to assist the students in any way which will contribute to their welfare and comfort.

THE SESSION AND REGISTRATION:

The Summer Session of 1926 will extend from July 5th to August 14th inclusive. *All students should register on or before*

July 5th. No person will be admitted to a class except upon presentation of a certificate of registration.

FEES:

The Fees are: Ten Dollars for a single course or its equivalent; Twenty Dollars for two or more courses.

ATTENDANCE:

Students must attend regularly the classes in a course for which they register. Those whose unexcused absences from such a course exceed one-eighth of its total number of meetings will not be credited with attendance in that course.

When a student who has full Junior Matriculation standing has taken classes and passed examinations that are the equivalent of the First or the Second year of the regular University course for a degree, he should submit an "Application for Transfer of Credits from Summer Session to Regular Course work for a Degree."

Credit will be allowed for any subject or subjects, taken at any one Summer Session, in which the candidate has made an aggregate of 50 per cent., with at least 40 per cent. on each paper.

Blank forms for this Transfer of Credits may be obtained from the Registrar's Office.

BOARD AND LODGING:

Good board and lodging can be obtained in the vicinity of the University at a cost of $40.00 a month and upwards; or, separately, board at $35.00 and upwards per month, and rooms at $5.00 to $10.00 per month. Lists of approved boarding houses may be obtained from the Director or the Registrar.

ADMISSION:

All students desiring to obtain formal credit for work done in the Summer Session must, upon entrance, present evidence of Junior Matriculation standing or its equivalent. Such students will be known as Regular Students. All other students will be ranked as Special Students, and may be admitted to classes as the judgment of the Director of the Summer Session may approve.

EXAMINATIONS:

At the close of the Summer Session examinations are held in all of the courses for which University credit is given. Examinations in other courses may be given at the judgment of the instructor.

Teachers holding either Academic or First Class Certificates, after they have completed two summer sessions in Commercial Work at the University, and after they have passed the necessary final examinations, will be granted Assistant High School Teachers' Certificates for Commercial subjects.

COURSES OF STUDY

BIOLOGY.

General Biology.

Text-book: Smallwood, *A Text-book of Biology,* Lea and Febiger.

1 (a). 3 lectures and 2 laboratory periods a week.

1 (b). 3 lectures and 2 laboratory periods a week.

Note: The summer courses in Parts (a) and (b) may be taken concurrently, and together constitute the equivalent of Biology 1.

BOTANY I.

Parts 1 and 2. This course is equivalent to Botany I of the regular course. Parts 1 and 2 may be taken separately or concurrently. Although similar in outline to Botany I of the regular course, more emphasis is placed upon field work. The course is adapted to the requirements of teachers.

Three hours' lecture and four hours' laboratory work per week for each part throughout the Summer Session.

Text-book: Coulter, Barnes & Cowles, *Text-book of Botany,* Vol. 1.

Prerequisite: Biology I.

CHEMISTRY.

1 (a). Five lectures and two laboratory periods of three hours a week.

Text-book: Smith's *College Chemistry,* Century Co., first twenty-three chapters.

1 (b). Five lectures and two laboratory periods of three hours a week.

Text-book: Smith's *College Chemistry,* Century Co., last twenty-two chapters.

The satisfactory completion of parts (a) and (b) will entitle students to University credit in Chemistry 1.

2 (a). Three lectures and eleven hours' laboratory work per week.

2 (b). Three lectures and eleven hours' laboratory work per week.

Text-books: A. A. Noyes, *Qualitative Analysis,* Macmillan. Talbot, *Quantitative Analysis,* Macmillan.

The satisfactory completion of parts (a) and (b) will entitle the student to University credit in Chemistry 2.

COMMERCIAL WORK—ADVANCED.

This course is designed to cover two Summer Sessions. Teachers holding Academic or First Class Certificates who complete the course may be granted Assistant High School Teachers' Certificates for Commercial Subjects. The final examination for the granting of certificates will be held by the Department of Education at the end of the Summer Session.

The purposes of the course are twofold, namely:

(1) To give certificated teachers a working knowledge of the content of the Commercial Courses in the High Schools of the Province, and

(2) To train teachers in the latest and most approved methods of teaching the work.

The above work will be given in the Session of 1926, in two parts: Part I for beginners, and Part II for those who have completed Part I and others with advanced standing in the subject sufficient to warrant exemption from Part I.

A complete statement of the courses in various subjects and the requirements for certification of teachers of Commercial Subjects may be found on pages 68 to 71 of the Courses of Study for 1924-25 issued by the Department of Education.

ECONOMICS.

1 (a). *Principles of Economics.* An introductory study of general economic theory, including a survey of the principles of value, prices, money and banking, bimetallism, crises, monopoly, international trade, foreign exchange, and tariffs.

Text-books: Ely, *Outlines of Economics,* Macmillan. Clay, *Economics for the General Reader,* Macmillan.

5 hours a week. 1½ units.

1 (b). *Principles of Economics (continued).* This portion of the course will include a survey of the principles underlying interest, rent, wages, trade unionism, population, socialism, control of railways and trusts, taxation, etc.

Text-books: Ely, *Outlines of Economics,* Macmillan. Clay, *Economics for the General Reader,* Macmillan.

5 hours a week. 1½ units.

SOCIOLOGY.

1. *Principles of Sociology.*—An introductory study of early man and his relation to his environment; of races of men and their distribution; of the early forms and development of industrial organization, marriage and the family, arts and sciences, religious systems, government, classes, rights, etc. A review, also, of certain of the social problems of modern society growing out of destitution, crime, overcrowding, etc. A critical survey of schemes for betterment.

Text-books: Blackmar & Gillin, *Outlines of Sociology,* Macmillan. Beach, *An Introduction to Sociology and Social Problems,* Houghton Mifflin.

Note.—This course will be given in two parts (a) and (b), for each of which 1½ units of credit is assigned.

10 hours a week. 3 units.

EDUCATION.

1. *Psychology of the Special Subjects.* Open to students who have had one course in Psychology.

Text-books: Charters, *Teaching the Common Branches,* Houghton Mifflin. Gates, *Psychology for Students of Education,* Macmillan.

References: assigned readings.

1 unit. Dr. Weir.

2. *School Administration.* A seminar course based on the Report of the British Columbia School Survey Commission. Open only to experienced teachers.

1 unit. Dr. Weir.

3. *Advanced Educational Psychology*—with especial attention to the newer developments in Educational Measurements.

References and assigned readings.

1 unit. Dr. Wyman.

4. *Problems of Child Welfare.* This course will deal with the Psychology and Hygiene of Childhood and with the wider responsibilities of the school and the home in these two connections. It is open to the general public upon the payment of the usual fee for single courses. (See under Fees.)

Dr. Wyman.

ENGLISH.

1 (a). *Literature.* Elementary study of a number of literary forms to be chosen from the short story, the play, the novel, the essay, the simpler sorts of poetry.

Text-books: Canby, *A Study of the Short Story,* Holt. Euripides, *Electra,* in Gilbert Murray's paraphrase. Shakespeare, *Julius Caesar.* Sheridan, *The School for Scandal,* Everyman. Ibsen, *The Doll's House,* Everyman. *An Anthology of Modern Verse,* Methuen.

5 hours a week. 1 unit.

1 (b). *Composition.* Elementary forms and principles of composition; expository themes; study of models.

5 hours a week. 2 units.

2 (a). *Literature.* Studies in the history of English Literature.

First Part: Lectures and texts illustrative of the chief authors and movements from Totell's Miscellany to 1700.

5 hours a week. 1 unit.

Second Part: Lectures and texts illustrative of the chief authors and movements from 1700 to the death of Shelley.

5 hours a week. 1 unit.

Text-books: Halleck, *History of English Literature,* American Book Co., 1918. *Century Readings in English,* ed. Cunliffe, Century Publishing Co.

2 (b). Narrative and descriptive themes; the writing of reports.

3 hours. 1 unit.

17 (a) and (b). *Victorian Poetry.*

(a). Tennyson, Browning and Arnold.

5 hours. 1½ units.

(b). The Later Victorians: The Rossettis, Swinburne, Morris, Meredith, Hardy.

5 hours. 1½ units.

FRENCH.

1 (a). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-book: Bazin, Clement and Macirone, *Voici la France,* Heath.

5 hours a week.

1 (b). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-book: Molière, *Les Précieuses Ridicules,* Longmans.

5 hours a week.

2 (a). Exercises in French on the text read, written résumés and original composition in French.

Text-books: Augier et Sandeau, *Le gendre de Monsieur Poirier,* American Book Co. Composition from Wilson and Jaccard, *A First French Prose Composition,* Bell, London.

5 hours a week.

2 (b). Exercises in French based on the text read, written résumés, and original composition in French.

Text-books: La Fontaine, *One Hundred Fables,* Ginn. Daudet, *Lettres de Mon Moulin,* Oxford. Wilson and Jaccard, *A First French Prose Composition,* Bell & Sons.

5 hours a week.

N.B.—Course No. 3 can be taken in conjunction with the foregoing courses.

3. Exercises in spoken French, based on the work of the First and Second Years, arranged for teachers and for students who intend to enter the University.

5 hours a week.

GEOGRAPHY 1 (a) and (b).

A general course in the principles of physical geography, intended to furnish teachers and others with (1) a general background of interest in the subject and a knowledge of the relative value and use of the geographical data, as taught in public and high school courses (a knowledge of which is presupposed); (2) An outline of the processes by which present geographic conditions have been produced, and of their effect on the human population of the planet. The topics discussed are: General Earth Relations, The Atmosphere, Climatic Factors, Typical Climates, The Oceans, Earth Materials and Their Bearing on Life, Changes in Land Surfaces Produced by Internal and External Forces, Plains, Plateaus, Mountains and Valleys in their Relations to Human Development, Coasts and Harbors, Inland Water Ways and Traffic Routes.

Text-book: Salisbury, Barrows and Tower, *Elements of Geography,* Henry Holt & Co.

10 hours a week.

HISTORY.

1. *Canada's Place in World History.* Dealing with following aspects of Canadian History: (1) the expansion of Europe; (2) early America; (3) the struggle over Canada; (4) Canada within the Empire; (5) Canada and France—including the Canadian race-problem; (6) Canada and the U.S.A.; (7) the international, social and economic influence of the modern Dominion.

Text-books: D. Hall, *The British Commonwealth of Nations.* Skelton, *The Canadian Dominion.* Abbott, *The Expansion of Europe,* optional.

5 hours a week. Mr. Keenleyside. 1½ units.

2. *A Social History of Early Civilization.* From the preliterary period to the disintegration of the Roman Empire.

Text-books: Barnes, *The Social History of the Western World.* Marett, *Anthropology,* optional. Breasted, *Ancient Times.* Carter, *The New Past,* optional.

5 hours a week. Mr. Keenleyside. 1½ units.

3. *Modern Europe, 1815-1870.* A study of political, social and economic development of Europe from the Congress of Vienna to the Franco-Prussian War.

Text-books: Shevill, *History of Europe;* or Hayes, *Political and Social History of Modern Europe, Volume 2, 1815-1924.*

5 hours a week. Mr. Soward. 1½ units.

4. *Some Interpretations of History.* This course is open only, except with special permission, to those who have already taken two summer school courses in History. It treats with the origin and growth of history and with various interpretations, geographic, economic, racial and spiritual.

Text-books: George, *The Relation of Geography and History.* Seligman, *The Economic Interpretation of History.* Shailer Mathews, *The Spiritual Interpretation of History.*

5 hours a week. Mr. Soward. 1½ units.

5. *British Columbia History.* During the last three weeks of the Summer Session Mr. Sage will give a course of one hour per day on British Columbia History. This course is open to all students in the Summer Session, but will carry no credit.

LATIN.

1 (a). Cicero, *Pro Lege Manilia,* Select Orations and Letters, Allen and Greenough, Ginn. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History to 265 B.C.

5 hours a week.

Given in 1926.

1 (b). Virgil, *Georgics IV,* Page, Macmillan. Selected exercises in Bradley, *Arnold's Latin Prose Composition.* Longmans, Green. Roman History, 265 B.C. to 133 B.C.

5 hours a week.

Given in 1927.

2 (a). Cicero, *Pro Archia,* Select Orations and Letters, Allen and Greenough, Ginn. Horace, *Selected Odes,* Wickham, Clarendon Press. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History, 133 B.C. to 27 B.C.

5 hours a week.

Given in 1926.

2 (b). Virgil, *Aeneid,* Book VI, Page, Macmillan. Selected exercises in Bradley, *Arnold's Latin Prose Composition,* Longmans, Green. Roman History 27 B.C. to 285 A.D.

5 hours a week.

Given in 1927.

Roman History text-book: Boak, *A History of Rome to 565 A.D.,* Macmillan. Roman History will be read privately; it is suggested that as much as possible of this reading be done before the opening of the Summer Session.

Latin 1 (a) and (b) qualify the student for First Year University standing, Latin 2 (a) and (b) for Second Year standing.

MATHEMATICS.

1 (a). *Geometry and Trigonometry.*

The First Year Geometry and the first half of the Trigonometry.

5 hours a week.

1 (b). *Geometry and Trigonometry.*

The First Year Algebra and the first half of the Trigonometry.

5 hours a week.

Text-books: McDougall, *Advanced Geometry.* Playne and Fawdry, *Practical Trigonometry,* Wilson and Warren, *Intermediate Algebra,* Oxford.

The completion of the two above courses will entitle to University credit in Mathematics 1.

PHILOSOPHY.

1 (a). *General Psychology.*

Text-book: Woodworth, *Psychology,* a Study of Mental Life, Holt.

5 hours a week. 1½ units.

1 (b). *Logic.*

Text-book: Mellone, *Introductory Text-book of Logic,* Blackwood (latest edition).

5 hours a week. 1½ units.

The completion of the two above courses by qualified students will entitle to University credit in Philosophy 1. They are, however, open without credit to all other students in the Summer Session.

7. (a) and (b). *The Philosophy of Education.*

Two courses of lectures and discussions, each with 1½ units of value; with required readings and essays, dealing with educational movements since the beginning of the 19th century, and with the theories of life and mind implicit in these movements.

Text-books: (a). Spencer, *Education.* (b). Dewey, *Democracy and Education.*

10 hours a week. 3 units.

Philosophy 1 or its equivalent is a prerequisite in the case of students wishing to take this course for University credit.

PHYSICS.

1 (a). *Mechanics, Properties of Matter and Heat.*

Five lectures, and two two-hour laboratory periods per week.

1 (b). *Sound, Light and Electricity.*

Five lectures, and two two-hour laboratory periods per week.

Text-book: Millikan, Gale & Pyle, *Practical Physics,* Ginn.

The above courses are the equivalent of Physics 1 in the University Calendar. They may, with the permission of the Head of the Department and the Director of the Summer Session, be taken concurrently.

THE UNIVERSITY OF BRITISH COLUMBIA
SUMMER SESSION—1926

TIME-TABLE OF LECTURES

MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY

8 a.m.—	Chemistry 1 (a); Philosophy 1 (a);	Chemistry 2 (a); Physics 1 (a);	Education 1; Sociology 1 (a).	Mathematics 1 (a);
9 a.m.—	Chemistry 1 (b); English 2 (a); Sociology 1 (b).	Chemistry 2 (b); Mathematics 1 (b);	Education 2; Philosophy 1 (b);	English 1 (a); Physics 1 (b);
10 a.m.—	Economics 1 (a); English 17 (a);	Education 3; French 2 (a);	English 1 (b); History 2;	English 2 (b); History 3.
11 a.m.—	Economics 1 (b); History 1;	Education 4; Latin 1 (a).	English 17 (b);	French 2 (b);
12 noon—	History 3;	Latin 2 (a).		
1 p.m.—	French 1 (a);	Geography 1 (a);	History 4;	Philosophy 7 (a);
2 p.m.—	French 1 (b);	Geography 1 (b);	Philosophy 7 (b).	
3 p.m.—	French 3.			

BIOLOGY AND BOTANY

2 p.m.—Biology 1 (a) Lect. (Monday, Wednesday and Thursday); Biology 1 (b); Lect. (Tuesday and Friday); Botany 1 (b) Lect. (Monday, Wednesday and Thursday); Botany 1 (a) Lect. (Tuesday and Friday).

3 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday); Biology 1 (b) Lect. (Wednesday). Botany 1 (b) Lab. (Monday and Thursday); Botany 1 (a) Lab. (Tuesday and Friday); Botany 1 (a) Lect. (Wednesday).

4 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday). Botany 1 (b) Lab. (Monday and Thursday); Botany 1 (a) Lab. (Tuesday and Friday).

COMMERCIAL WORK

9-10—Stenography I; Accounting II.

10-11—Stenography II; Accounting I.

11-12—Laboratory Work for all.

Note.—The laboratory hours in Chemistry and Physics will be arranged, so far as possible, to suit the needs of students.

The courses in Commercial Work are given in the High School of Commerce, Tenth Avenue and Oak Street, Vancouver.

A schedule of the rooms in which the above lectures are given will be posted on the bulletin board, and copies will be distributed to students at the beginning of the Summer Session.

SUMMER SESSION

OF

The University of British Columbia

VANCOUVER, B. C.

SEVENTH SESSION, JULY 5TH TO AUGUST 14TH, 1926

To the Director of the Summer School
Session of this year:

I intend to register for the following courses in the Summer

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I shall have to procure the following books:

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Signed .....

Address .....

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