The University of British Columbia

ANNOUNCEMENT
OF
THE SUMMER SESSION

SUPPLEMENT
TO
CALENDAR 1943-44

TWENTY-FIFTH SESSION

JUNE 26TH TO AUGUST 11TH, 1944

VANCOUVER, BRITISH COLUMBIA

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SUMMER SESSION, 1944

DATES

JUNE		
26th	Monday - - -	*Last day for registration of all students. Lectures begin at 8:00 a.m.
30th	Friday - - - -	Supplemental and Directed Reading Course Examinations.
JULY		
3rd	Monday - - -	Last day for changes in students' courses. Last day for payment of fees.
6th	Thursday - - -	General meeting of students.
27th	Thursday - - -	General meeting of students.
AUGUST		
9th	Wednesday - - -	Last day of lectures.
10th	Thursday - - -	Final Examinations.
11th	Friday - - -	

*The last day for registration is June 26th—the first day of lectures—but students will find it to their advantage to register before this date, either in person or by mail.

A fee of $2.00 will be charged all students registering after this date.

TIME-TABLE OF LECTURES

MONDAY TO FRIDAY INCLUSIVE

Time	*Subjects*	*Room*	
8-10 a.m.	Economics 10	Arts	102
	Education 21	Arts	104
	English 2	Arts	106
	English 17	Arts	108
	Physics 1	Sc.	200
	Sociology 1	Arts	206
	Social Work 5	Arts	208
	Examinations—Thursday, August 10th, 9-11 a.m.		
10 a.m.-12 noon	Beginners' Spanish	Arts	102
	Chemistry 1	Sc.	300
	Education 27 10 a.m.)	Arts	104
	Education 37 (11 a.m.)	Arts	104
	English 8	Arts	106
	History 2	Arts	108
	Mathematics 2	Arts	208
	Mathematics 12	Arts	101
	Psychology 1	Arts	204
	Psychology 4	Arts	206
	Examinations—Thursday, August 10th, 1-3 p.m.		
1-3 p.m.	Biology 1	Ap. Sc.	101
	Education 30 (1 p.m.)	Arts	108
	Education 31 (2 p.m.)	Arts	108
	French 2	Arts	104
	Geography 1	Ap. Sc.	102
	History 17	Arts	106
	Philosophy 5	Arts	102
	Examinations—Friday, August 11th, 9-11 a.m.		

Note.—The laboratory hours in Biology, Chemistry and Physics will be arranged.

The University of British Columbia

SUMMER SESSION, 1944

OFFICERS AND STAFF

LEONARD S. KLINCK, M.S.A., D.Sc., LL.D., Officier de l'Instruction Publique, F.R.S.C., Prèsident. (Retiring June 30, 1944.)

NORMAN A. M. MACKENZIE, M.M., B.A., LL.B., LL.M., LL.D., K.C., F.R.S.C., President. (Effective July 1, 1944.)

DANIEL BUCHANAN, M.A., Ph.D., LL.D., F.R.S.C., Dean of the Faculty of Arts and Science.

M. A. CAMERON, M.A., Ph.D., Director.

CHARLES B. WOOD, A.M., Registrar.

A. MACLUCAS, Bursar.

WILLIAM KAYE LAMB, M.A., Ph.D., Librarian.

Department of Biology and Botany

FRANK DICKSON, B.A., Ph.D., Associate Professor.

Department of Chemistry

J. GILBERT HOOLEY, M.A., Ph.D., Assistant Professor.

Department of Economics, Political Science and Sociology

C. W. TOPPING, B.A., S.T.D., A.M., Ph.D., Associate Professor of Economics and Sociology.

A. W. CURRIE, B.A., B.Com., M.B.A., Dr.Com.Sc., Associate Professor of Commerce.

MISS M. J. SMITH, A.M., Associate Professor of Social Work.

Department of Education

MAXWELL A. CAMERON, M.A., Ph.D., Professor and Acting Head of the Department.

S. R. LAYCOCK, M.A., M.Ed., Ph.D., Professor of Educational Psychology, University of Saskatchewan.

D. H. RUSSELL, B.Sc., M.Ed., Ph.D., Associate Professor of Education, University of California.

Department of English

HUNTER CAMPBELL LEWIS, M.A., Assistant Professor.

F. E. L. PRIESTLEY, M.A., Ph.D., Assistant Professor.

G. B. HARRISON, M.A., Ph.D., Professor and Chairman of the Department of English, Queen's University.

Department of Geology and Geography

H. V. WARREN, B.A., B.A.Sc., B.Sc., D.Phil., Associate Professor of Mineralogy and Petrography.

MRS. G. O'BRIEN, B.A., Lecturer.

Department of History

MISS SYLVIA THRUPP, M.A., Ph.D., F.R.Hist.S., Instructor.

HAROLD A. INNIS, B.A., Ph.D., F.R.S.C., Professor and Head of the Department of Political Economy, University of Toronto.

Department of Mathematics

DANIEL BUCHANAN, M.A., Ph.D., LL.D., F.R.S.C., Professor and Head of the Department.

S. A. JENNINGS, M.A., Ph.D., Assistant Professor.

Department of Modern Languages

C. VYNER BROOKE, A.M., Ph.D., Assistant Professor of Spanish.

MISS ETHEL HARRIS, M.A., D.Lett., Officier de l'Instruction Publique, Lecturer.

Department of Philosophy and Psychology

JOHN ALLAN IRVING, M.A., Professor and Head of the Department.

ALEXANDER P. MASLOW, A.M., Ph.D., Associate Professor.

RALPH H. GUNDLACH, A.M., Ph.D., Associate Professor of Psychology, University of Washington.

Department of Physics

R. ERIC LANGTON, M.A., Lecturer.

Admission, Registration and Attendance

For requirements for admission to the University, information in regard to registration and attendance and regulations governing courses, see University calendar.

All candidates registering for the first time are required to present their certificates.

The maximum credit for Summer Session work in any one Calendar year is 6 units.

FEES

All cheques must be certified and made payable to "The University of British Columbia."

Registration fees are due and payable on or before June 26th.

Fee for "Late Registration" $2.00.

Class fees are due and payable on or before July 3rd.

Fee for "Late Payment of Class Fees" $2.00.

For Undergraduates

Registration—Payable before registration	$ 2.00
Minimum Class Fee	25.00
Per "Unit"	12.00
Summer Session Association Fee	2.00

For Graduates

Registration—Payable before registration—	
For 6 units or less	$ 2.00
For over 6 units	5.00
Class Fees (payable at $12.00 per unit for courses taken)	125.00
Summer Session Association Fee	2.00

For Auditors

Registration—Payable before registration	$ 2.00
For each 3-unit course	15.00
Summer Session Association Fee	2.00

Special Fees

Supplemental Examination, per paper	$ 5.00
Graduation	15.00

Applications for supplemental examinations, accompanied by the necessary fees, must be in the hands of the Registrar at least two weeks before the date set for the examinations, and graduation fees two weeks before Congregation.

Scholarships

The Summer Session Students' Association Scholarship

A scholarship of $30, given by the Summer Session Students' Association, will be awarded at the close of the Summer Session to the Summer Session student who in that session completes the second year with the highest standing. To be eligible a student must have taken his entire second year in The University of British Columbia Summer Session, Extra-sessional classes or Reading courses, and must be proceeding to a higher year in The University of British Columbia.

The British Columbia Teachers' Federation Scholarship

A scholarship of $50 given by the British Columbia Teachers' Federation will be awarded at the close of the Summer Session to the Summer Session student who, having been an active member of the British Columbia Teachers' Federation for three years previous to the granting of the scholarship, completes, in that session, the third year of his University work with the highest standing in that year. To be eligible a student must have taken his entire third year in The University of British Columbia Summer Session, Extra-sessional classes or Reading courses, and must continue in his fourth year at The University of British Columbia.

Courses of Study

Biology

1. *Introductory Biology.*—The course is introductory to more advanced work in General Biology, Botany, or Zoology; also to courses closely related to biological science, such as Agriculture, Forestry, Medicine.

The fundamental principles of biology; the interrelations of plants and of animals; life processes; the cell and division of labour; life-histories; relation to environment; dynamic biology.

The course is prerequisite to all courses in General Biology, Botany, and Zoology.

Text-book: MacDougall and Hegner, *The Science of Life,* McGraw-Hill, 1943.

Five hours a week and laboratory hours to be arranged.

Mr. Dickson. 3 units.

Chemistry

1. *General Chemistry.*—The course comprises a general survey of the whole field of chemistry and is designed on the one hand to provide a thorough groundwork for further study in the sciences and on the other to give an insight into the methods of chemical investigation, the fundamental theories, and some important applications such as are suitable to the needs of a cultural education. Students must reach the required standard in both lecture and laboratory work.

Text-books: Richardson and Scarlett, *General College Chemistry,* Holt. For the laboratory: Harris and Ure, *Experimental Chemistry for Colleges,* McGraw-Hill.

Eight hours a week and laboratory hours to be arranged.

Mr. Hooley. 3 units.

Economics

10. *Commercial Geography* or *Commerce 5.*—A broad survey of the economic and geographic factors which lie behind the structure of business with particular emphasis upon the North American Continent. Reports are required of students.

Text-book: Klimm, Starkey and Hall, *Introductory Economic Geography,* 2nd Edition, Harcourt, Brace.

Ten hours a week. 3 units.

Mr. Currie.

Sociology

1. *Introduction to Sociology.*—The approach to the study of society is by way of the local community and its institutions. An evaluation of the importance of the geographic, the biological, the psychological, and the cultural factors in the determination of the rise, growth, and functioning of groups will be undertaken. There will be an attempt to discover fundamental principles and to trace these principles in their interrelations. Several of the problems resulting from group contacts will be studied.

Text: Ogburn and Nimkoff, *Sociology*, 1940, Houghton Mifflin.

Ten hours a week. 3 units.

Mr. Topping.

Social Work

5. *Advanced Case Work.*—Discussion of case material designed to deepen the student's understanding of people and to increase the student's skills in case work practice.

Ten hours a week. 3 units.

Miss Smith and special lecturers.

25. *Community, Administrative and Supervisory Aspects of Case Work.*—A course in advanced social work designed for supervisors and senior case workers.

Five hours a week. 1½ units.

Miss Smith and special lecturers.

Time of lectures to be arranged.

Education

21. *Advanced Educational Psychology.*—A course designed to cover the fundamental and the newer developments in the field and their applications to educational practice. Some emphasis will be given to origins and development of human behaviour, the learning process and school procedures, individual differences, and the mental hygiene and personality development of school children. Opportunity will be offered for some specialization in one of these areas or in closely related fields.

Text: Sandiford, *Foundations of Educational Psychology*, Longmans, Green.

Reference: National Society for the Study of Education *The Psychology of Learning*, University of Chicago Press. An acquaintance with Gates and others, *Educational Psychology*, Macmillan, will be advantageous.

Prerequisite: Education 10 or an equivalent.

Ten hours a week. 3 units.

Mr. Russell.

27. *Administration of the Secondary School.*—Administrative aspects of the programme of studies, guidance, individual differences, pupil progress, pupil records and reports, assemblies, the co-curriculum, and the library; supervision; accrediting and university entrance requirements; buildings and equipment; the time table.

Reference: Koos and others, *Administering the Secondary School,* American Book Company.

Five hours a week. 1½ units.

Mr. Cameron.

30. *The Psychology of Adolescence.*—This course is a study of youth from approximately twelve to twenty years of age. It will include a study of such major problems of adolescence as adjusting to changing physical growth and development, gaining emancipation from adult control, making wholesome adjustments to the opposite sex, attaining emotional, social and intellectual maturity, finding and entering upon a suitable vocation, and finding a philosophy which gives meaning and purpose to life. Considerable attention will be devoted to a study of adolescent interests, adolescents and their homes, adolescents in school, the delinquent adolescent, and community and national agencies dealing with youth.

Text: Cole, *Psychology of Adolescence,* Revised Edition—Farrar and Rinehart.

Selected Readings to be assigned.

Five hours a week. 1½ units.

Mr. Laycock.

31. *The Psychology of Childhood.*—This course is designed to acquaint the student with the development of the normal child from birth to twelve years of age. It will include a discussion of the following topics: the problems and methods of child psychology, the role of maturation and learning in child development, the physical growth of children, the development of language, the growth of intelligence and the development of mental functions, motivation during childhood, a study of the development of emotional patterns in children, the social development of children and the mental hygiene of childhood. The course will emphasize the application of the topics mentioned above to the problems encountered by parents and by the classroom teacher. The approach will be a child-guidance rather than a formal approach.

Text: Skinner and Harriman, *Child Psychology,* Macmillan.

Selected Readings to be assigned.

Five hours a week. 1½ units.

Mr. Laycock.

37. *Comparative Education.*—A study of the schools of England, France, Russia, Germany, the United States and Canada.

Reference: Kandel, *Comparative Education,* Houghton Mifflin.

Selected Readings to be assigned.

Five hours a week. 1½ units.

Mr. Cameron.

Notes: (1) Education 21 may be counted as course in Psychology.

(2) Education 16, a reading course in methods of teaching two high school subjects, may be registered for in the Summer Session. This course is required for the Academic and Academic A certificates and carries 1½ units credit towards the B.A. or B.Ed. degrees.

English

2. *Literature.*—Studies in the history of English literature.

Lectures and texts illustrative of the chief authors and movements from Tottel's *Miscellany* to Shelley.

Text-book: Legouis, *A Short History of English Literature,* Oxford.

Ten hours a week. 3 units.

Mr. Lewis.

8. *A Survey of English Literature, 1570-1620.*—A review of the English Renaissance at its height: the main currents of its life, thought, and literary production.

Text: To be announced.

Ten hours a week. 3 units.

Mr. Harrison.

17. *Victorian Poetry.*—This course is concerned chiefly with the work of Tennyson, Browning and Arnold. A few lectures at the close of the term will be devoted to a survey of the development of later poetry.

Texts: Browning, *Complete Poetical Works,* Cambridge; Arnold, *Poems,* Oxford; Tennyson, *Poems,* Globe Edition, Macmillan; Stephens, Beck, and Snow, *Victorian and Later English Poets,* American Book Company.

Reference: Elton, *A Survey of English Literature, 1830-1880,* Macmillan.

Ten hours a week. 3 units.

Mr. Priestley.

Geography

1. *Principles of Geography.*—This introductory course aims to develop in the student the point of view of modern geography and to furnish a foundation or background that will be useful not alone to those who may intend to continue a study of geography or to teach it in the schools, but also to those who intend to study history, economics, and other subjects, or to enter business or professional careers into which geographical considerations enter.

Since geography is a study of the surface of the earth and its relation to man, the course involves consideration of earth relations; weathering and soils; land forms and oceans; climates; natural resources; and a brief introduction to the study of man and his response to the geographical environment.

Laboratory periods are devoted to the study of topographic maps, minerals, rocks, and fossils.

Text-book: James, *An Outline of Geography,* Ginn.

Reference: Case & Bergsmark, *College Geography,* Wiley.

An atlas; failing a large, comprehensive atlas, one of the following cheap ones will serve: *The University Atlas,* Geo. Philip & Son; *Canadian School Atlas,* Dent; *Goode's School Atlas,* Rand McNally; *Appleton's Standard School Atlas,* Appleton-Century.

Ten hours a week. 3 units.

Mr. Warren, Mrs. O'Brien.

History

2. *The History of Canada.*—Geographical factors; exploration and early settlements; the French Régime; constitutional development, 1759-1867; economic and social progress to Confederation; development of the Dominion of Canada since 1867; Canada in the Commonwealth; Canada in the world.

Text-books: Wittke, *A History of Canada,* McClelland and Stewart; Wrong, *The Canadians,* Macmillan; Scott, *Canada Today,* Oxford; Sage, *Canada from Sea to Sea,* University of Toronto; Currie, *Canadian Economic Development,* Nelson; *Report of the Royal Commission on Dominion-Provincial Relations, Book I, Canada, 1867-1939,* King's Printer, Ottawa.

Essays will be assigned throughout the session. (Extra work will be required from Third and Fourth Year students taking this course.)

Ten hours a week. 3 units.

Mr. Innis.

17. *World Economic History, 1850-1943.*—A comparison of the means by which industrial progress has been achieved in Western Europe, the Americas, Japan, Russia, and India, and a study of the social changes involved. Regular reading will be required, but no essays.

Ten hours a week. 3 units.

Miss Thrupp.

Mathematics

2. *(a) Analytical Geometry and Algebra.*—Review of conics, introduction to solid analytical geometry; induction, complex numbers, Horner's method, exponential, logarithmic, and other series, undetermined coefficients, convergence and divergence, determinants.

Text-books: Nowlan, *Analytic Geometry,* McGraw-Hill; Nowlan, *College Algebra.*

(b) Calculus.—An introductory course in differential and integral calculus, with various applications.

Text-book: Woods and Bailey; *Calculus,* Ginn.

Ten hours a week. 3 units.

Mr. Jennings.

12. *Differential Equations.*—Ordinary and partial differential equations with various applications to geometry, mechanics, physics, and chemistry.

Text-book: Murray, *Differential Equations,* Longmans.

Ten hours a week. 3 units.

Mr. Buchanan.

French

2. Texts: Balzac, *Le Père Goriot,* Nelson; *Anatole France,* Nelson. Independent reading to include Balzac, *La Peau de Chagrin, Le Curé de Tours, Le Colonel Chabert,* Nelson; Louis Hémon, *Maria Chapdelaine,* Fayard.

Composition in French based on the above readings.

Prerequisite: French 1 or its equivalent.

Ten hours a week. 3 units.

Miss Harris.

Spanish

Beginners' Spanish. Grammar, composition, translation, conversation.

Texts: House and Mapes, *Essentials of Spanish,* Ginn; Hills, *Spanish Tales,* Holt; Oteyza, *El Diablo blanco,* Macmillan.

Ten hours a week. 3 units.

Mr. Brooke.

Philosophy

5. *Philosophical Movements Since the Time of Kant.*—The main currents and outstanding men in philosophy during the nineteenth and twentieth centuries and their influence on the general culture of the time, in particular on contemporary social thought.

Text-book: Rand, *Modern Classical Philosophers,* Houghton Mifflin.

Ten hours a week. 3 units.

Mr. Maslow.

Psychology

1. *Elementary Psychology.*—Psychology as a science; the nervous system; sensation; perception; emotion; motivation; attention; learning; thinking; intelligence; personality. This course is introductory to courses in advanced psychology.

Text-book: Dashiell, *Fundamentals of General Psychology,* Houghton Mifflin.

Ten hours a week. 3 units.

Mr. Irving.

4. *Psychology of Adjustment.*—How the individual meets personal and social crises; varieties of adjustive behavior and of personality; special problems of war and post-war adjustment.

Text-book: Shaffer, *The Psychology of Adjustment,* Houghton Mifflin.

Prerequisite: Psychology 1.

Ten hours a week. 3 units.

Mr. Gundlach.

Note: Education 21 may be counted as a course in Psychology.

Physics

1. *Elementary Physics.*—A study of general college physics suitable for those students who have obtained credit for Matriculation

Junior Physics or its equivalent. The course covers the fundamental principles of mechanics, properties of matter, heat, light, sound, electricity, and some of the more recent developments in physics in a more quantitative way than Physics A.

Text-book: Stewart, *Physics, A Text-book for Colleges,* Ginn.

References: Watson, *A Text-book of Physics,* Longmans; Kaye and Laby, *Physical and Chemical Constants,* Longmans.

Prerequisite: University Entrance Physical Sciences or Physics A.

Ten lectures and four two-hour laboratory periods per week.

Mr. Langton. 3 units.

SUMMER SESSION, 1943

Registration

	Registration
Partial	5
First Year	37
Second Year	96
Third Year	61
Fourth Year	77
Graduates	53
Total	329
Auditors	7
Social Work	17

Music Appreciation

Two noon-hour courses in music appreciation have been arranged for the summer session.

I. The Enjoyment and Understanding of Good Music from the point of view of the performer, the conductor, the musicologist, the layman, and the teacher. Well known musicians and lecturers, including Mr. Arthur Benjamin, Dr. Ida Halpern and Dr. G. G. Sedgewick, will contribute to this course which will meet twice a week for four weeks.

II. Musical Structure and Instrumentation—a more intensive course dealing with the growth of musical forms, the reading of musical scores, and the structure and instrumentation of the symphony. This course will be given by Dr. Ida Halpern and will meet twice a week for five weeks.

For further information about either of these courses apply to the Department of University Extension.

Reduced Fare for Students Attending Summer Session

Railway companies offer a reduction in fare from stations in Canada to Summer Session. Within three days (before or after) of the opening date of the Summer Session (Sunday excluded) students should purchase a regular one-way first-class ticket and *secure at that time* a Standard Convention Certificate. This certificate, when signed by the Director of the Summer Session, entitles the holder to purchase within three days of the close of the Summer Session (Sunday excluded) a return ticket at one-third of the one-way first-class fare. Official opening and closing dates of the Summer Session are June 26th and August 11th. Tickets permit stop-overs and are limited to thirty days from official closing date.

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