THE UNIVERSITY OF BRITISH COLUMBIA

ANNOUNCEMENT OF SUMMER SESSION

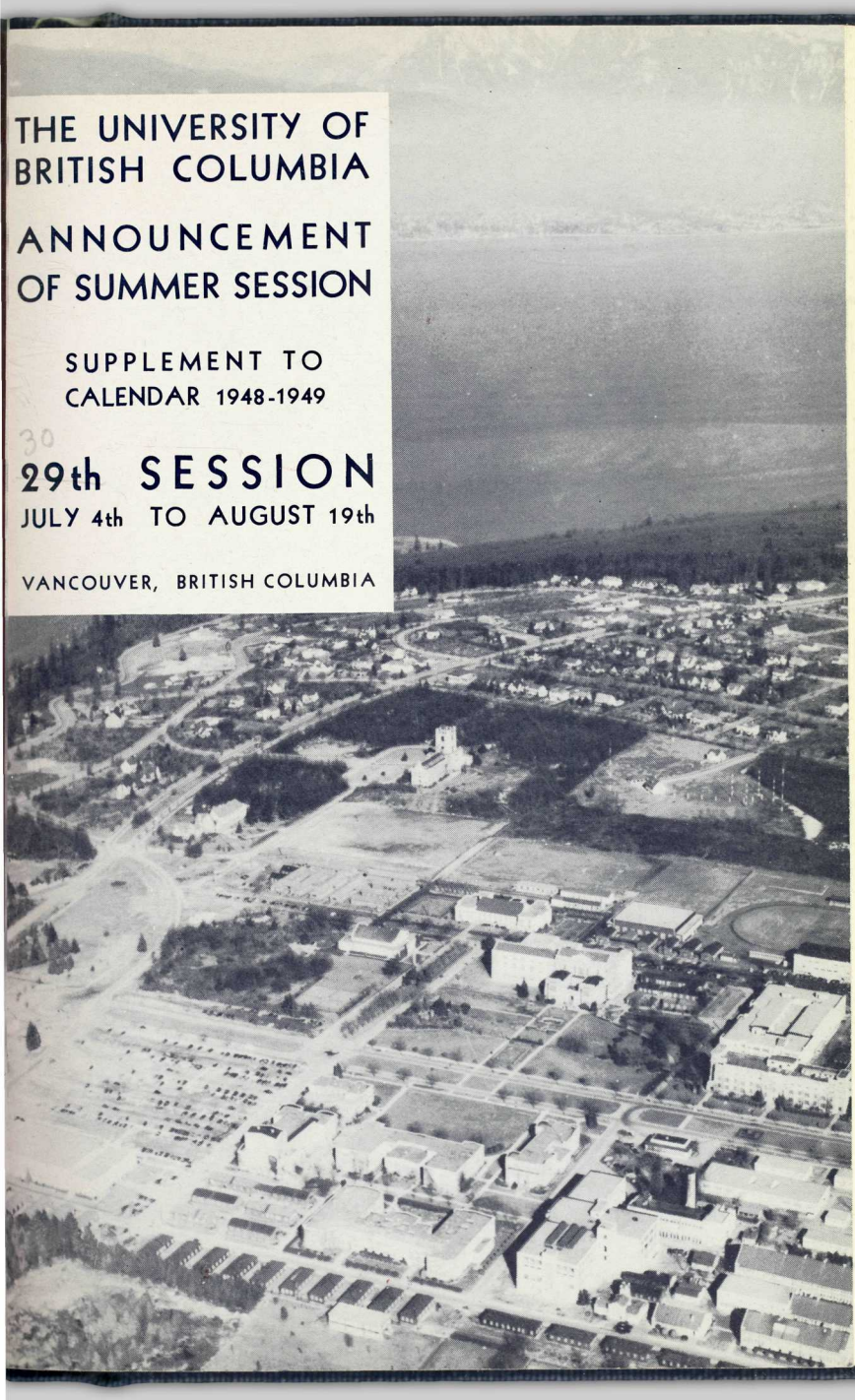
SUPPLEMENT TO
CALENDAR 1948-1949

30

29th SESSION

JULY 4th TO AUGUST 19th

VANCOUVER, BRITISH COLUMBIA



Above—Chemistry Building. Below—Campus, Looking West.

PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

The University of British Columbia

Announcement of The Summer Session

SUPPLEMENT TO
CALENDAR 1948-49

Thirtieth Session
JULY 4th TO AUGUST 19th, 1949

VANCOUVER, BRITISH COLUMBIA

VOL. 34 GENERAL SERIES No. 3

The University of British Columbia

SUMMER SESSION, 1949

DATES

JULY		
4th	Monday - - - -	*Last day for registration of all students. Lectures begin at 8.00 a.m.
5th	Tuesday - - - -	Supplemental and Directed Reading Course Examinations.
7th	Thursday - - - -	General meeting of students.
11th	Monday - - - -	Last day for changes in students' courses. Last day for payment of fees.
AUGUST		
4th	Thursday - - - -	General meeting of students.
17th	Wednesday - - -	Last day of lectures.
18th 19th	Thursday - - - - - Friday - - - - -	Final Examinations.

*The last day for registration is July 4th—the first day of lectures. A fee of $2.00 will be charged all students registering after this date.

NOTE

Courses carrying credit for university degrees are described on pages 7 to 23. Non-credit courses offered by the Department of University Extension are described on pages 24 to 29.

PUBLIC LECTURES

A series of five public lectures by visiting professors will be held during the Summer Session.

Dean Fieldhouse: "Western Marxism and Russian Bolshevism."

Dr. M. Y. Hughes: "Ideals and Realities in Military Government."

Dr. F. Lilge: "French Education Since the Occupation and the War."

Professor A. Morris: "A Sociologist Looks at Boston."

Dr. S. L. Pressey: "Efficiency and Education."

TIME TABLE OF LECTURES

Monday to Friday Inclusive

Course	*Room*	*Course*	*Room*
8-9:55 a.m.		8-9:55 a.m.	
Architecture 160	A. 106	Geography 102	Ap. 102
Chemistry 100	Ch. 400	History 309	A. 206
Chemistry 200	Ch. 200	Mathematics 201	A. 207
Chemistry 300	Ch. 300	Philosophy 100	Ag. 100
Economics 200	Hut B2	Philosophy 202	A. 203
Economics 300	Hut A4	Physics 100	P. 201
Education 529	A. 104	Physics 330	P. 202
Education 550 (9 a.m.)	Hut A5	Psychology 202	A. 204
Education 551 (8 a.m.)	Hut A5	Sociology 400	Hut A6
English 405	A. 103	Spanish 90	A. 101
		Spanish 101	A. 201
10-11:55 a.m.		10-11:55 a.m.	
Agricultural Mechanics 201	Ag. 102	Geography 101	Ap. 101
Bacteriology 201	Ch. 400	German 90	A. 104
Botany 201	Ap. 102	German 100	A. 201
Economics 320	Hut A4	Government 400	Hut B4
Education 510 (10 a.m.)	A. 101	History 313	A. 106
Education 519 (10 a.m.)	Ag. 100	Mathematics 200	Hut A5
Education 523 (11 a.m.)	Ag. 100	Mathematics 306	A. 207
English 100/101	A. 103	Music 310	Music Room, Library
English 200	Ap. 100	Psychology 303	Hut A6
English 425	A. 206	Slavonic Studies 200	A. 102
1:15-3:15 p.m.		1:15-3:15 p.m.	
Biology 100	Ap. 102	French 303	A. 201
Biology 303	Ap. 101	Geography 409	Hut M15A
Economics 325	Hut B4	History 101	A. 103
Education 509	A. 104	Mathematics 100	Hut A5
Education 532 (1:15 p.m.)	Hut B5	Mathematics 300	A. 206
Education 533 (2:15 p.m.)	Hut B5	Psychology 100	A. 100
English 431	A. 207	Psychology 201	Hut A4
French 202	A. 203	Slavonic Studies 305	A. 106

ABBREVIATIONS

A.—Arts Building
Ag.—Agriculture Building
Ap.—Applied Science Building
Ch.—Chemistry Building
P.—Physics Building
Huts A—West of Auditorium
Huts B—Near Bus Terminus
Huts M—On West Mall

OFFICERS AND STAFF

NORMAN A. M. MACKENZIE, C.M.G., M.M. and Bar, B.A., LL.B., LL.M., LL.D., D.C.L., K.C., F.R.S.C., President.

S. N. F. CHANT, O.B.E., M.A., Dean of the Faculty of Arts and Science.

F. M. CLEMENT, B.S.A., M.A., Dean of the Faculty of Agriculture.

J. N. FINLAYSON, M.Sc., LL.D., M.E.I.C., M.Am.Soc.C.E., Dean of the Faculty of Applied Science.

HENRY F. ANGUS, B.A., B.C.L., M.A., F.R.S.C., Dean of the Faculty of Graduate Studies. (From July 1, 1949).

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

J. R. MCINTOSH, B.A., M.Ed., Ph.D., Assistant to the Director.

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

R. M. BAGSHAW, C.A., Bursar.

MISS ANNE M. SMITH, M.A., B.Sc., (Library Science), Acting Librarian.

Department of Agricultural Mechanics

J. R. W. YOUNG, B.S.A., M.Sc., Associate Professor and Acting Head of the Department.

Department of Architecture

DAVID SHAPIRO, Assistant Professor of Art and Design.

Department of Bacteriology and Preventive Medicine

Lecturer to be appointed.

Department of Biology and Botany

ANDREW H. HUTCHINSON, M.A., Ph.D., F.R.S.C., Professor and Head of the Department.

JOHN ALLARDYCE, B.A., Ph.D., Professor.

D. J. WORT, M.Sc., Ph.D., Professor.

Department of Chemistry

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

L. M. SHEMILT, B.A.Sc., M.Sc., Assistant Professor.

ROSS STEWART, B.A., Lecturer.

Department of Economics, Political Science and Sociology

JOSEPH A. CRUMB, B.B.A., M.S., Ph.D., Professor.

STUART JAMIESON, M.A., Ph.D., Associate Professor.

J. J. DEUTSCH, M.A., Department of Finance, Dominion of Canada.

J. A. GIBSON, B.A., B.Litt., D.Phil., Associate Professor and Chairman of the Department of History, Carleton College.

ALBERT MORRIS, B.S., A.M., Professor and Head of the Department of Sociology and Anthropology, Boston University.

A. D. SCOTT, B.A., Instructor.

Department of Education

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

J. R. MCINTOSH, B.A., M.Ed., Ph.D., Professor of Education and Psychology.

J. E. GIBBARD, M.A., B.Ed., Magee High School.

H. H. GRANTHAM, M.A., Vancouver Normal School.

T. R. HALL, B.A., Vice-Principal, Vancouver Normal School.

F. LILGE, B.A., Ph.D., Assistant Professor of Education, University of California.

S. L. PRESSEY, A.M., Ph.D., Professor of Psychology, College of Education, Ohio State University.

J. E. SMITH, B.A., B.Ed., Magee High School.

R. C. WOELLNER, B.S., M.A., Associate Professor of Education; Director, Vocational Guidance and Placement; and Assistant Dean of Students, University of Chicago.

Department of English

J. ROY DANIELLS, B.A., Ph.D., Professor and Head of the Department.

WILLIAM ROBBINS, M.A., Ph.D., Professor.

M. W. STEINBERG, M.A., Assistant Professor.

MERRITT Y. HUGHES, M.A. Ph.D., Professor of English, University of Wisconsin.

A. L. WHEELER, M.A., Ph.D., Professor and Chairman of the Department of English, University of Manitoba.

Department of French

L. J. S. METFORD, M.A., D.Lett., Lecturer.

J. A. HOOD, B.A., Lecturer.

Department of Geology and Geography

V. J. OKULITCH, M.A.Sc., Ph.D., F.G.S.A., F.R.S.C., Associate Professor.

J. L. ROBINSON, M.A., Ph.D., Mem.A.A.G., Associate Professor.

HENRY J. WARMAN, M.A., Ph.D., Associate Professor of Geography and Secretary of the Graduate School, Clark University.

Department of German

MURRAY A. COWIE, M.A., Ph.D., Assistant Professor.

Mrs. M. Lourié, D. Juris, Instructor.

Department of History

A. C. COOKE, M.A., Professor.

GEOFFREY BRUUN, M.A., Ph.D., Visiting Lecturer in History, Columbia University.

H. N. FIELDHOUSE, M.A., Head of the Department of History and Dean of the Faculty of Arts and Sciences, McGill University.

Department of Mathematics

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

W. H. SIMONS, M.A., Ph.D., Assistant Professor.

E. LEIMANIS, Dr. Rer. Nat., Assistant Professor.

B. N. MOYLS, M.A., Ph.D., Assistant Professor.

L. CROMPTON, M.A., Lecturer.

Department of Music

HENRY BRANT, Staff Member, Juilliard School; Lecturer in Music, Columbia University.

Department of Philosophy and Psychology

JOSEPH E. MORSH, B.A., Ph.D., Professor.

BARNETT SAVERY, A.B., Ph.D., Professor.

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

W. G. BLACK, M.A., Ph.D., Lecturer.

J. E. BELL, A.M., Ed.D., Associate Professor of Psychology, Clark University.

BR. R. PHILIP, M.A., Ph.D., Professor and Acting Head of the Department of Philosophy and Psychology, Queen's University.

Department of Physics

Lecturers to be appointed.

Department of Spanish

G. E. MCSPADDEN, M.A., Ph.D., Associate Professor.

J. F. LYNCH, M.A., Instructor in Romance Languages and Literature, University of Washington.

International Studies

R. T. MCKENZIE, B.A., Instructor.

Slavonic Studies

J. O. ST. CLAIR-SOBELL, M.A., Ph.D., Professor.

Lecturer to be appointed.

Department of University Extension

MISS DOROTHY SOMERSET, A.B., Assistant Professor of Dramatics.

ROBERT GILL, M.A., Director of Hart House Theatre, University of Toronto.

PHILIP FREUND, M.A., Instructor of Creative Writing, Hunter College, City College of New York.

B. C. BINNING, Vancouver School of Art.

MRS. MARY M. ATWATER, Founder of Shuttle-Craft Guild of America.

MISS MOLLY CARTER, Artist-Potter.

Instructors

MR. SYDNEY RISK, M.A. (Dramatics).

MRS. JESSIE RICHARDSON, (Dramatics).

MISS DOROTHY DAVIES, L.T.C.L., A.T.C.M. (Dramatics).

MR. MARIO PRIZEK, B.A., (Dramatics).

MR. CLIFFORD ROBINSON, (Art).

MR. PETER ASPELL, (Art).

MISS BEATRICE LENNIE, (Modelling).

MRS. HELEN ELLIS, (Weaving).

MR. A. G. BULHAK, B.S.A., (Photography).

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.

Those living at a distance from the University are advised to make application for registration by mail in advance.

Registration must be completed in person at the University on one of the following days:

Thursday, June 30th, 9 a.m. to 4 p.m.

Saturday, July 2nd, 9 a.m. to 12 noon.

Monday, July 4th, 9 a.m. to 4 p.m.

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."

All fees are due and payable on registration and registration is not complete until all fees have been paid.

The registration fee is not returnable.

A fee of $2.00 for "Late Registration" will be charged all students registering after July 4th.

The minimum class fee is $18.00.

Scale of Fees

Registration	$ 3.00
Course Fees, Per Unit	12.00
Summer Session Association Fee	2.00

NOTES—The maximum course fee for a course leading to a Master's degree is $150.00. Candidates who take more than one session to complete the course required for the Master's degree may pay at the rate of $12.00 per unit for courses taken until the maximum of $150.00 has been reached.

Graduate students required to make up prerequisites to the Master's course are subject to course fees at the rate of $12.00 per unit for such prerequisite courses in addition to the full fee of $150.00 for the Master's course.

Graduate students who are not candidates for a higher degree are subject to course fees at the rate of $12.00 per unit for courses taken.

For Auditors

Registration	$ 3.00
For each 3-unit course	18.00
Summer Session Association Fee	2.00

Special Fees

Supplemental Examination, per paper	$ 5.00

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.

Scholarships, Bursaries, Loan Fund

(Open only to students taking regular academic courses.)

University Summer Session Bursaries

Twenty bursaries of $50 each are available in the Summer Session, 1949, for students who are taking a full course (6 units) of work in the Summer Session. They will be awarded to students who hold permanent teaching certificates in British Columbia and are actively engaged in teaching in the Province. Awards will be made on the basis of scholarship, financial need, interest in teaching, and participation in the activities of school and the community. Special consideration will be given to applicants from more remote parts of the Province. Applications, on forms available at the Registrar's office, must be received by the Registrar not later than May 15th.

The Sir Charles Tupper Chapter, I.O.D.E., Bursary

A bursary of $50, the gift of the Sir Charles Tupper Chapter, I.O.D.E., will be awarded annually to a teacher who has taught for two years in the Public Schools of British Columbia and is proceeding with second year work in the Summer Session. The award will be made to a student who intends to return to teaching in the fall. Applicants will be considered on the basis of financial need, and success and interest in teaching. Applications, on forms available at the Registrar's Office, must be received by the Registrar not later than May 15th. A copy of the last inspector's report must accompany the application.

The British Columbia Teachers' Federation Scholarship

A scholarship of $100 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 the three years previous to the granting of the scholarship, completes, in that Session, or through reading courses for which the final examinations were written before or during 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.

The Summer Session Students' Association Scholarship

A scholarship of $75, 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 Summer Session Students' Association Scholarship Fund

The annual income from the Summer Session Students' Association Scholarship Fund, or the sum of $75, whichever is less, will be paid annually as a scholarship for study at the University of British Columbia. The scholarship is open to any Summer Session student who has completed the first two years' work, the second of which has been taken wholly by Summer Session, extra-sessional classes, or reading courses, and who is proceeding to a higher year in the University of British Columbia by means of Summer Session. This award will be made to the student who completes in that session the Second Year of his University work with the second highest standing. Only those students who have taken a full course of six units in each Summer Session will be considered eligible for this scholarship. The work of the Second Year must be completed in a maximum of four summer sessions.

The Summer Session Students' Association Loan Fund

The Summer Session Students' Association of 1947, established a loan fund as a trust to be used for loans to teachers ("teachers" as defined by the Public Schools Act of British Columbia) who have attained satisfactory academic standing. Loans from this fund are to be repaid within three years from the date of receipt of the loan, and until the expiration of the three-year period no interest will be charged. Loans, which may be repaid at any time during the three-year period by assigned instalments, will be granted on the basis of scholarship and financial need, assistance to any one student being limited according to the funds available. Loans will be made on the recommendation of the Joint Faculty Committee and representatives of the Summer Session Students' Association.

Courses of Study

AGRICULTURAL MECHANICS

201. General Mechanics.

A study of spark ignition and compression ignition engines with special emphasis on design improvements, fuel and lubricant requirements and general maintenance, operation and repair.

Text-books: (1) Heldt, *High Speed Combustion Engines,* Heldt Pub. Co.; (2) Ashcroft and Easton, *General Shop Work,* Macmillan.

Ten hours lectures a week and laboratory hours to be arranged—3 units.

Mr. Young.

ARCHITECTURE

160. History of Art.

A chronological survey of the changes in painting, sculpture, and other visual arts from prehistoric times to the present day. Basic visual elements of line, shape, colour, volume, and texture. Three dimensional studies of space with different shapes, materials, and lighting effects. Visual experience will be obtained by the students through exercises to assist them in understanding the works of the Masters. (Illustrative reports are required.)

Text-book: Robb and Garrison, *Art of the Western World,* Harpers.

Ten hours a week—3 units.

Mr. Shapiro.

BACTERIOLOGY

201. Introductory Bacteriology.

A course consisting of lectures, demonstrations, and laboratory work.

The history of bacteriology, the place of bacteria in nature, the classification of bacterial forms, methods of culture and isolation, the relation of bacteria to agriculture, to industrial processes, to household and veterinary science, and to public health and sanitation.

Text-book: Mackie and McCartney, *Handbook of Practical Bacteriology,* latest edition, Livingstone.

References: Henrici, *Biology of Bacteria,* latest edition, Heath; Salle, *Fundamental Principles of Bacteriology,* latest edition, McGraw-Hill.

Prerequisites: Mathematics 100, Chemistry 100, and Biology 100.

Five hours lectures and ten hours laboratory a week—3 units.

BIOLOGY

Biology 100 is prerequisite to all other courses in Biology and Botany, and to all courses in Zoology.

100. 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, Nursing, Pharmacy, Fisheries, Home Economics.

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.

Text-book: Marsland and Plunkett, *Principles of Modern Biology,* Holt.

Five hours a week and laboratory hours to be arranged—3 units.

Mr. Allardyce.

330. Principles of Genetics.

A lecture and laboratory course. The laboratory work will consist of the examination of illustrative material, problems, and experiments, especially with Drosophila.

Text-book: Sinnott and Dunn, *Principles of Genetics,* McGraw-Hill.

Prerequisite: Biology 100.

Ten hours a week and laboratory hours as arranged—3 units.

Mr. Hutchinson.

BOTANY

200. General Botany.

An introductory course that gives a general perspective of the plant kingdom. Physiological anatomy, ecological relations, and developmental trends are illustrated by specific examples.

Text-book: Fuller, *The Plant World,* Holt; or Hill, Overholts, and Popp, *Botany,* McGraw-Hill.

This course is prerequisite to Honours in Biology and Botany, and in Zoology.

Prerequisite: Biology 100.

Ten hours a week and laboratory hours as arranged—3 units.

Mr. Wort.

CHEMISTRY

100. General Chemistry.

A study of inorganic chemistry against a background of theory. Chemical arithmetic, the Periodic Table, and the fundamental theories will be stressed. Students must reach the required standard in both lecture and laboratory work.

Text-book: Foster and Alyea, *An Introduction to General Chemistry,* Van Nostrand. For the laboratory: Harris and Ure, *Experimental Chemistry for Colleges,* McGraw-Hill.

Eight hours a week and laboratory hours to be arranged—3 units.

Mr. Hooley.

200. Qualitative and Quantitative Analysis.

(*a*) *Qualitative Analysis.*—A study of the chemical reactions of the common metallic and acid radicals, together with the theoretical considerations involved in these reactions.

Text-book: Reedy, *Theoretical Qualitative Analysis,* McGraw-Hill.

(*b*) *Quantitative Analysis.*—This course embraces the more important methods of volumetric and gravimetric analysis.

Reference: Kolthoff and Sandell, *Text-book of Quantitative Inorganic Analysis,* Macmillan.

Prerequsite: Chemistry 100.

Five hours a week and laboratory to be arranged—3 units.

Mr. Shemilt.

300. Organic Chemistry.

This course involves a study of the main classes of aliphatic compounds with emphasis on the fats, carbohydrates, and proteins. The latter portion of the course will be devoted to a study of benzene, naphthalene, anthracene, and phenanthrene, and their reactions.

References: Fieser and Fieser, *Organic Chemistry,* Heath; Caldwell,

Organic Chemistry, Houghton Mifflin; Wertheim, *Textbook of Organic Chemistry,* Blakiston; Fieser, *Experiments in Organic Chemistry,* Heath.

Prerequisite: Chemistry 200 or its equivalent.

Ten hours lectures and three laboratory periods a week—3 units.

Mr. Stewart.

ECONOMICS

200. Principles of Economics.

An introductory study of the principles of production, value, distribution, money and banking, international exchange, and government finance, and an analysis of the problems of labour.

Text-books: Logan and Inman, *A Social Approach to Economics,* 2nd edition, Toronto; Ise, *Economics,* Harpers; Burns, Neil and Watson, *Modern Economics,* Harcourt-Brace.

References: McIsaac and Smith, *Essential Economic Principles,* Little-Brown; Kiekofer, *Economic Principles, Problems and Policies,* Appleton-Century.

Ten hours a week—3 units.

Mr. Scott.

300. Money and Banking.

The origin and development of money, credit, and banking and the economic functions performed by commercial, savings, trust, and investment banks; the monetary and banking systems of England, Canada, and the other British Dominions, the United States and other important foreign countries; foreign exchange; financial aspects of the trade cycle; the purchasing power of money; the problems of central banking.

Text-books: Thomas, *Our Modern Banking and Monetary System,* Prentiss Hall; James, *The Economics of Money, Credit and Banking,* Ronald.

References: Crumb, *Lessons in Money and Banking;* Willis and Beckhart, *Foreign Banking Systems,* Holt; Chandler, *Introduction to Monetary Theory,* Harper; Halm, *Monetary Theory,* Blakiston; Haberler, *Prosperity and Depression,* League of Nations, 3rd edition, 1941.

Ten hours a week—3 units.

Mr. Crumb.

320. Government Finance.

The development of the science of government; the growth of the sphere of government and increase in the tax burden; theories of taxation; provincial and federal tax problems; conflicts of jurisdiction in taxation; financing relief and other public undertakings; public borrowing and deficit financing.

Text-book: Lutz, *Public Finance,* 4th edition, Appleton-Century.

Readings: Seligman, *Essays in Taxation,* 1928, Macmillan; Pigou, *A Study in Public Finance,* 1947, Macmillan; De Vite, *First Principles of Public Finance,* 1936, Cape; Fagan and Macy, *Public Finance,* 1936, Longmans; Black, *The Incidence of Income Taxes,* 1939, Macmillan; others to be announced.

Ten hours a week—3 units.

Mr. Deutsch.

325. Labour Economics and Labour Problems.

A study of the major labour problems arising out of the factory system and large-scale enterprise. Special attention will be given to the history of trade unions in England, the United States, and Canada, and to recent developments in labour relations, with regard to structure and functions of trade unions,

employer policies and associations, collective bargaining and industrial conflict, labour legislation, labour and political action.

Text-book: Lester, *Economics of Labor,* Macmillan.

References: Bakke and Kerr, *Unions, Management and the Public,* Harcourt Brace, and others to be assigned.

Ten hours a week—3 units.

Mr. Jamieson.

EDUCATION

509. High School Methods.

Credit for this course requires the completion of two of the four sections offered.

1½ units.

English.—July 25 to August 12, 1.15 - 2.15 p.m. Mr. Hall.

Social Studies.—July 4 to July 22, 1.15 - 2.15 p.m. Mr. Gibbard.

Mathematics.—July 4 to July 22, 2.15 - 3.15 p.m. Mr. Smith.

Science.—July 25 to August 12, 2.15 - 3.15 p.m. Mr. Grantham.

This course will no longer be given as a reading course.

510. Administration of School Systems.

Dominion participation in education; the Provincial Department of Education; centralization and decentralization; school finance; the local unit of administration. Graduates of the Teacher Training Course may take this course only with the permission of the instructor.

Five hours a week—1½ units.

Mr. Cameron.

519. Foundations of Education.

An introductory course in educational theory. The course will be devoted, in the main, to an examination of historic and contemporary theories of education and the role of these theories in the determination of educational content and methodology. Theories of curriculum construction will also be considered. This course is intended for students who are proceeding toward a degree in education or who wish to qualify for an Academic A certificate and who have not taken the Teacher Training Course or its equivalent.

Text-book to be announced.

Five hours a week—1½ units.

Mr. Lilge.

523. Comparative Education.

The school systems and educational policies of the chief modern nations with emphasis on Europe. Attention will be given to developments since World War II.

Five hours a week—1½ units.

Mr. Lilge.

529. Educational Psychology.

Major emphasis will be on the understanding of the pupil, with special reference to the adolescent; the psychology of learning; the adjustment of learning situations to individual differences; and the evaluation of instruction. This course is intended for students who are proceeding toward a degree in education or who wish to qualify for an Academic A certificate and who have not taken the Teacher Training Course or its equivalent.

Text-book: Pressey and Robinson, *Psychology and the New Education,* Harpers.

Ten hours a week—3 units.

Mr. McIntosh.

532. Psychology of Adolescence.

The junior and senior high school pupil as an individual and as a member of social groups; the physical, mental, social, emotional, and religious development typical of adolescence; the interests of teen-age boys and girls and their problems in personal relations, in the home, in the school, and in the community.

Text-book to be announced.

Five hours a week—1½ units.

Mr. Pressey.

533. Psychology of Exceptional Children.

The physical, mental, social, and emotional characteristics of exceptional children (gifted, backward, crippled, hard-of-hearing, etc.); factors in their growth and development; educational provisions suited to their needs.

Text-book to be announced.

Five hours a week—1½ units.

Mr. Pressey.

550. Introduction to Guidance.

Objectives of guidance; gathering and using information; articulation of the different forms of guidance, etc. For teachers, principals and prospective counsellors who have had little or no training in guidance or personnel services.

Text-book: Wright, *Practical Handbook for Group Guidance,* Science Research Associates.

Five hours a week—1½ units.

Mr. Woellner.

551. Counselling Techniques.

For students with some acquaintance with the general field of guidance who wish some rather detailed instruction in techniques.

Text-book: Reed, *Guidance and Personnel Services in Education,* Cornell University Press.

Five hours a week—1½ units.

Mr. Woellner.

ENGLISH

100, 101. Literature and Composition.

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. Elementary forms and principles of composition.

Texts: *The College Survey of English Literature,* (shorter edition), Harcourt Brace; *Euripides, Bacchae* (trans. Murray); Shakespeare, *Julius Caesar;* Sheridan, *The School for Scandal;* Shaw, *Saint Joan;* Perrin, *Writer's Guide and Index to English,* Scott Foresman.

Themes and class exercises will be required.

Ten hours a week—3 units.

Mr. Steinberg.

200. From Chaucer to Browning.

Studies in English Literature from Chaucer to the Victorians.

Texts: *College Survey of English Literature,* (shorter edition), Harcourt, Brace; Shakespeare, *Henry IV, Part I* and *Hamlet;* Swift, *Gulliver's Travels;*

Fielding, *Joseph Andrews;* Austen, *Pride and Prejudice;* Dickens, *Great Expectations.*

Themes will be required.

Ten hours a week—3 units.

Mr. Daniells.

405. Poetics.

Critical theory and method; detailed analysis of poems and a consideration of such matters as the poetic process, the nature of poetic truth, and poetic form.

Themes will be required.

Text: *Understanding Poetry,* (ed. Brooks and Warren), Holt.

Ten hours a week—3 units.

Mr. Wheeler.

421. Theatre Practice.

This course, consisting of Acting and Speech I, deals with the theory and practice of acting and with the fundamentals of voice production. It includes the following subjects: (a) principles of acting, pantomime, interpretation of the role, acting scenes, participation in a play; (b) breath control, tone quality, articulation, interpretation of the spoken line.

Students having a recognized equivalent of either Acting or Speech I and wishing to substitute another subject offered at the Summer School of the Theatre must apply for permission to the Director of the School.

Ten hours lectures and fifteen hours rehearsal a week. Extra rehearsals as arranged. Students taking this course are strongly advised not to register for any other course in the summer session.

Miss Somerset and staff of the Summer School of the Theatre.

3 units.

For time table, see Summer School of the Theatre schedule.

425. The Age of Milton.

An intensive study of *Paradise Lost* and of a representative selection of the poems of Jonson, Donne, Herbert, Vaughan and Herrick.

The course will include a survey of the prose of the period as represented in the Coffin and Witherspoon anthology.

Texts: *Milton's Complete Poetical Works,* (new Cambridge edition), Houghton Mifflin, and *Seventeenth Century Prose and Poetry* (ed. Coffin and Witherspoon), Harcourt, Brace.

Ten hours a week—3 units.

Mr. M. Y. Hughes.

431. Victorian Poetry.

This course is chiefly concerned 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. A term paper will be required.

Text: Stephens, Beck, and Snow, *Victorian and Later English Poets,* American Book Co.

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

Ten hours a week—3 units.

Mr. Robbins.

FRENCH

202. French Authors.

Texts: Balzac, *Le Père Goriot*. Larousse; Irvin & King, *Lectures intermédiaires*, Harpers. Independent reading to include Balzac, *Eugénie Grandet*, and the author listed under *Summer Reading*.

Composition in French based on the above readings, and from Barton and Sirich, *New French Review Grammar and Composition*, Crofts.

Prerequisite: French 101 or its equivalent.

Ten hours a week—3 units.

Mr. Hood.

302. French Practice.

Composition and phonetics, training in writing, conversation, and pronunciation. This course should be taken by all who elect French as a Third Year subject. It may not be substituted for French 300.

Text-books: Coindreau, *Contes et nouvelles du temps présent*, Reynal and Hitchcock; Bond, *The Sounds of French*, Heath.

Ten hours a week—3 units.

Mr. Metford.

GEOGRAPHY

101. Elementary Physical Geography.

This introductory course provides a foundation for the study of geography. It will be useful not only to those who may intend to continue a study of geography or to teach it in schools, but to all those who are interested in man's physical environment. This course covers the study of land forms, processes of weathering, erosion, diastrophism, materials of the earth's crust, climate, and history of the earth. The laboratory part of the course includes elementary surveying and map making, interpretation of topographic maps, the study of common minerals, rocks, and fossils. The course may be selected for science credit in beginning years.

Text-book: Thompson, *Fundamentals of Earth Science*, 1947, Appleton-Century.

References: Wilmore, *Groundwork of Modern Geography*, Bell; Finch and Trewartha, *Elements of Geography*, McGraw-Hill; Moore, *Elementary Geology for Canada*, Dent.

Six hours a week and laboratory to be arranged—3 units.

Mr. Okulitch.

102. Introductory Human and Economic Geography.

A general introductory course dealing with man and his occupations. It will be useful for those intending to major in the social sciences. The course deals with the effect of physical environment upon the distribution of the world population. It discusses the distribution of various natural resources as a background to the understanding of national problems of trade and commerce and the interchange of products. Special emphasis will be given to methods of teaching geography.

Text-book: Case and Bergsmark, *College Geography*, 1947, Wiley.

References: Bengston and Van Royen, *Fundamentals of Economic Geography*, 1946, Prentice-Hall; Huntington, *Principles of Human Geography*, 5th edition, 1946, Wiley; Jones and Darkenwald, *Economic Geography*, 1941, Macmillan; Smith and Philips, *Industrial and Commercial Geography*, 1946, Holt; Hammond, *World Orientation Atlas*, 1946.

Ten hours a week—3 units.

Mr. Warman.

409. Geography of North America.

Regional geography of North America with particular emphasis on Canada, dealing with physiography, climate, natural resources, population, primary industries. Special reference is given to the development and future of Northern Canada.

Text-book: Taylor, G., *Canada,* 1948, Methuen.

References: Currie, *Economic Geography of Canada,* 1947, Macmillan; White and Foscue, *Regional Geography of North America,* 1945, Prentice-Hall; Smith and Phillips, *North America,* 1940, Harcourt-Brace.

Ten hours a week—3 units.

Mr. Robinson.

GERMAN

90. Beginners' Course

Greenfield, *An Outline of German Grammar,* Barnes and Noble; Hagboldt, *Graded German Readers,* I-V, "Alternate" series, Heath.

Ten hours a week—3 units.

Mr. Cowie.

100. Intermediate German, Reading and Writing.

Texts: Chiles, *German Composition and Conversation,* Part I, Ginn; Hagboldt, *Graded German Readers,* VI-X, Heath; Kastner, *Drei Manner im Schnee,* Crofts; Bruns, *Book of German Lyrics,* Heath.

Prerequisite: University Entrance or Beginners' German.

Ten hours a week—3 units.

Mrs. Lourié.

GOVERNMENT

400. The Government of Canada.

The development of the Canadian federal system; the crisis in Dominion-Provincial relations; Canadian government in wartime; adaptation of Canadian institutions for the tasks of reconstruction.

Text-book: Dawson, *The Government of Canada,* Toronto.

Reference: *The Report of the Royal Commission on Dominion-Provincial Relations,* King's Printer, Ottawa.

Ten hours a week—3 units.

Mr. Gibson.

HISTORY

101. Main Currents in Twentieth-Century History.

This course completes the study of world history in the high schools and offers a background for contemporary world problems. This course is prerequisite to History Honours. If the World History course has been taken in Senior Matriculation, History 202 will be required for Honours.

Text-books: Benns, *Europe Since 1914,* Crofts; or Chambers, Grant, and Bayley, *The Age of Conflict,* Harcourt, Brace; Schmitt, *Triple Alliance and Triple Entente,* Oxford; Fox, *The Super-Powers,* Harcourt, Brace (for upper year credit).

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. Bruun.

309. British History to 1688.

This course aims at an interpretation of the political, constitutional, economic, and religious development of the British Isles from the earliest times to the Revolution of 1688.

Text-books: Trevelyan, *A History of England,* Longmans; Williamson, *The Evolution of England,* Oxford; Stephenson and Marcham, *Sources of English Constitutional History,* Harpers; Adams, *Constitutional History of England,* Holt; Hall and Albion, *A History of England and the British Empire,* Ginn.

Essays will be assigned throughout the session.

Ten hours a week—3 units.

Mr. Fieldhouse.

313. The Age of the Renaissance and Reformation.

A study of the cultural development of Europe from the 14th to the 17th century, including a consideration of the transition from the mediaeval to the modern world; humanism; Renaissance art; overseas exploration and expansion; the rise of national states; the Reformation; the scientific revolution and intellectual developments.

Text-books: Lucas, *The Renaissance and the Reformation,* Harpers; Smith, *The Age of the Reformation,* Holt; Stearns, *Pageant of Europe,* Harcourt, Brace.

Readings and reports will be assigned.

Ten hours a week—3 units.

Mr. Cooke.

INTERNATIONAL STUDIES

300. The British Commonwealth and International Organization.

This course will survey the part played by the members of the British Commonwealth in international affairs from 1919 to the present day. In particular it will deal with Commonwealth participation in international organizations and with the growth of intra-Commonwealth cooperation in the field during the period.

Text-books: Carter, *The British Commonwealth and International Security,* Ryerson; Keith, *The Dominions as Sovereign States,* Macmillan.

Ten hours a week—3 units.

Mr. McKenzie.

MATHEMATICS

100. Algebra, Geometry, and Trigonometry.

An elementary course in algebra, including proportion, variation, logarithms, progressions, theory of quadratic equations, permutations, combinations, annuities, binomal theorem; analytical geometry, including the study of the straight line and the circle, with an introductory study of the parabola, ellipse, and hyperbola; elementary trigonometry.

Text-books: Currier, Watson, and Frame, *General Mathematics,* Macmillan; any book of five or six place trigonometric and logarithmic tables. Students who plan to enter the Faculty of Applied Science should obtain McGraw-Hill's *Six Place Tables.*

Prerequisite: Mathematics 90.

Mathematics 100 is prerequisite to the following courses.

Ten hours a week—3 units.

Mr. Crompton.

200. Algebra and Geometry.

Review of fundamentals, mathematical induction, complex numbers, theory of equations, determinants, convergency and divergency of series, and probability; review of conics, polar coordinates, and solid analytic geometry.

Text-books: Nowlan, *College Algebra,* McGraw-Hill; Nowlan, *Analytic Geometry,* 3rd edition, McGraw-Hill.

Ten hours a week—3 units.

Mr. Moyls.

201. The Mathematical Theory of Investments.

This course deals with the exponential law, the power law, curve fitting, the theory of interest, annuities, debentures, valuation of bonds, sinking funds, depreciation, probability and its application to life insurance.

This course may not be counted in the units required for a major in Mathematics.

Text-book: Hart, *Mathematics of Investment,* revised, Heath.

Ten hours lectures a week—3 units.

Mr. Simons.

300. Calculus.

The theory and applications of the subject.

Text-book: Sherwood and Taylor, *Calculus,* (Revised), Prentice-Hall.

Prerequisite: Mathematics 202.

Ten hours a week—3 units.

Mr. Leimanis.

306. Topics in Algebra and Geometry.

The course includes a discussion of the number systems of elementary algebra and a critical examination of the axioms of elementary geometry. It should be of interest to teachers or prospective teachers of High School Mathematics.

Text-book: Robinson, *The Foundations of Geometry,* University of Toronto Press.

Prerequisite: Mathematics 200.

Ten hours a week—3 units.

Mr. Jennings.

MUSIC

310. Essays in Musical Analysis.

Significant compositions from the 16th to 20th centuries will be chosen as examples for analysis. Consideration will be limited to such internal evidence as can be found in the music itself and made intelligible to the listener. Such topics as the following will receive attention: how the composer may have arrived at his musical subject matter; what necessities may have prompted him to accept or reject given musical-psychological ideas. The course will be presented in non-technical language. Use will be made of recordings and performances.

Ten hours a week—3 units.

Mr. Brant.

PHILOSOPHY

100. Introduction to Philosophy.

A systematic study of the important problems of philosophy with particular emphasis upon proposed solutions relevant to problems of today.

Text-book: To be announced.

Ten hours a week—3 units.

Mr. Savery.

202. Logic.

A general course in the fundamental problems of logic and scientific method, for students of philosophy and of the natural and social sciences.

Text-books: Cohen and Nagel, *An Introduction to Logic and Scientific Method,* Harcourt, Brace; Lenzen, *Procedures of Empirical Science,* University of Chicago.

Ten hours a week—3 units.

Mr. Maslow.

PHYSICS

100. Elementary Physics.

A study of general college physics suitable for those students who have obtained credit for University Entrance Physics A 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. This course is designed primarily for Honours Science and Engineering students.

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

Prerequisite: University Entrance Physics 91. Mathematics 100 must precede or be taken concurrently with this course.

Ten hours lectures and eight hours laboratory a week—3 units.

330. Elementary Modern Physics.

A survey of the fundamental ideas underlying modern physics. The arrangement of the material is designed especially to suit the needs of general science teachers and others who wish to study some of the recent developments in physics. Analytical demonstrations, such as are given, do not involve advanced mathematics. Among the topics treated are electronic phenomena, radio and television, the nature of light and electromagnetic radiation, X-rays, the *quantum* theory, spectroscopy, astrophysics, relativity, radioactivity, cosmic rays, and elementary particles.

Students are advised to take Physics 300 before taking Physics 330; those who have not done so will be required to do some additional work in order to acquire the necessary background in the fundamentals of electricity. Candidates for Honours in Physics receive no credit for this course.

Text-book: Brown, *Fundamentals of Modern Physics,* Wiley.

Reference: Hull, *An Elementary Survey of Modern Physics,* Macmillan.

Prerequisites: Physics 100 or 101, Mathematics 100.

Eight hours lectures and eight hours laboratory a week—3 units.

PSYCHOLOGY

100. Introductory Psychology.

A scientific and practical study of the basic forms of human thinking, emotion, and activity.

Text-book: Ruch, *Psychology and Life,* new edition, Scott, Foresman.

Ten hours a week—3 units.

Br. Philip.

201. Social Psychology.

The psychological study of social life, including development of personality, language, leadership, suggestion, propaganda, group behaviour, major social problems.

Text-book: LaPiere and Farnsworth, *Social Psychology,* 2nd edition, McGraw-Hill.

Ten hours a week—3 units.

Mr. Black.

202. Psychology of Adjustment.

Origins and modification of behaviour, varieties of adjustive behaviour, mental hygiene.

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

Ten hours a week—3 units.

Mr. Morsh.

303. Clinical Psychology and Counselling.

The nature of problem behaviour; clinical methods; counselling techniques; adjustment procedures.

Text-book: Louttit, *Clinical Psychology,* revised edition, Harpers.

Ten hours a week—3 units.

Mr. Bell.

SLAVONIC STUDIES

200. Russian, Second Course.

Second course in Russian language. Reading of selected prose texts by modern Russian writers. (Disc and wire recording exercises will be given as far as time permits).

Text-book: Semeonoff, *New Russian Grammar,* Dent.

Ten hours a week—3 units.

Mr. St.Clair-Sobell.

305. Economic History and Geography of U.S.S.R. and Eastern Europe.

No knowledge of a Slavonic language is necessary for this course. The course will also carry credit in Third and Fourth Years as a course in Commerce, Economics, History, Geography, International Studies, Political Science, Social Work.

Text-book: To be announced.

Ten hours a week—3 units.

SOCIOLOGY

400. The Dynamic Family.

The genetic rise of the family will be traced and its modern forms described. Various statements on the functions of the family will be evaluated while the inter-relations of religion, science, education, public opinion, law, and social change with the dynamic family are being sketched. An analysis of causation in family break-up will be made and recommendations for facilitating family life and for rehabilitating the broken family will be considered.

Text-book, Baber, *Marriage and the Family,* McGraw-Hill.

References: Burgess and Locke, *The Family,* American Book Company; Nimkoff, *Marriage and the Family,* Houghton-Mifflin.

Ten hours a week—3 units.

Mr. Morris.

SPANISH

90. Beginners' Course

Grammar, composition, translation, conversation.

Texts: Kasten and Neale-Silva, *Lecturas Escogidas,* Harpers; Brenes and Patterson, *Conversemos,* Crofts; McSpadden, *Spanish Usage for Beginners,* University Bookstore.

Ten hours a week—3 units.

Mr. McSpadden.

101. Intermediate Spanish.

Review of Grammar; composition, translation, conversation.

Texts: Del Río and Shearer, *Lecturas Hispânicas, Book Two,* Dryden Press; Torres-Rioseco and Neale-Silva, *Fausto,* Harper; Barton and Cúneo, *Spanish Review,* Crofts.

Ten hours a week—3 units.

Mr. Lynch.

SUMMER SESSION 1948

Registration

FACULTY OF ARTS AND SCIENCE

	Men	*Women*
First Year	148	79
First Year Home Economics	—	5
Second Year	247	129
Second Year Commerce	31	—
Second Year Home Economics	—	19
Second Year Physical Education	4	3
Second Year Pharmacy	4	2
Third Year	183	77
Third Year Commerce	56	—
Third Year Home Economics	—	9
Third Year Physical Education	—	3
Third Year Pharmacy	7	2
Fourth Year	137	76
Fourth Year Commerce	53	2
Fourth Year Home Economics	—	4
Fourth Year Physical Education	1	—
Graduates	179	84
Social Work (B.S.W.)	—	11
Social Work (M.S.W.)	8	15
	1058	520

FACULTY OF APPLIED SCIENCE

First Year	11	—
Second Year	8	—
Third Year	1	—
Nursing	—	5
	20	5

FACULTY OF AGRICULTURE

First Year	3	—
Second Year	29	4
Third Year	16	4
Fourth Year	14	—
Graduates	9	—
	71	8
Totals	1149	533
		1682
Auditors (not included in above)		27

Veterans:	Men	650
	Women	56
		706
Non-Veterans:	Men	499
	Women	477
		976

DEPARTMENT OF UNIVERSITY EXTENSION

SUMMER FINE ARTS PROGRAMME

Recognizing today's wide-spread and resurgent interest in the arts, the Extension Department of the University of British Columbia proposes to expand its summer fine arts and handicrafts programme. The University campus in the summer provides a delightful setting for activities in the arts. With its beautiful surroundings, theatre, Fine Arts Centre, museum, student lounge and coffee shops it offers a splendid meeting place for those seeking both serious and recreational study in the arts. Students in the various arts and crafts have ample opportunity of meeting together and discussing their allied interests.

Cooperating with the Extension Department will be the Vancouver School of Art and the University Fine Arts Centre. Realization of this expanded programme will depend upon the response with which it meets.

FESTIVAL WEEK

Feature of the summer programme will be the third annual Festival Week which will be held at the conclusion of the various courses, during the week of August 8th to 13th. The Festival, to which the public is invited, will consist of a display of student work in the arts, handicrafts, photography and theatre.

COURSES OFFERED

Summer School of the Theatre

July 4th - August 13th.

Creative Writing.

July 4th - August 12th.

Arts.

Drawing and Painting. July 4th - August 5th.
Painting for Pleasure. July 5th - August 4th.
Modelling. July 5th - August 4th.

Crafts.

Weaving for Beginners. July 4th - 8th.
Intermediate and Advanced Weaving. July 11th - July 22nd.
Pottery. July 4th - August 3rd.

The Art of Photography.

July 5th - August 4th.

For registration in the above courses apply to:
The Director, Department of University Extension.

SUMMER SCHOOL OF THE THEATRE

July 4th to August 13th.

The most important problem facing the Canadian Theatre today is the development of higher standards. Canadians speak hopefully of the emergence of a truly distinctive national theatre. The realization of this hope can only come through the determination of all those concerned with putting on plays to strive continually for higher quality of performance. This responsibility is shared equally by directors, actors and scene designers, whether they work in schools, universities, community drama groups or little theatres. As in any art, high standards in the theatre depend upon talent and enthusiasm developed through training and hard work. Through its Summer School of the Theatre the University of British Columbia seeks to provide opportunities for this essential training and experience.

STAFF

ROBERT GILL: M.A. of Carnegie Institute of Technology, where he has both taught and directed. Mr. Gill is at present Director of Hart House Theatre, University of Toronto. Before coming to Canada he was director at different times for the Pittsburgh Playhouse, the Woodstock Playhouse and several professional summer stock companies. Mr. Gill, who was on the faculty of the Banff School of Fine Arts in 1948, is making his first visit as guest director at the University of British Columbia.

DOROTHY SOMERSET: A.B. Radcliffe. Assistant professor of dramatics, director of the Summer School of the Theatre.

SYDNEY RISK: M.A., Cornell. For six years at the University of Alberta as dramatics supervisor in the Department of Fine Arts. Instructor at the Banff School of Fine Arts for six summers. Founder and director of the Everyman Theatre.

JESSIE RICHARDSON: Formerly president of the Vancouver Little Theatre, actress and costume mistress.

DOROTHY DAVIES: L.T.C.L., A.T.C.M. Teacher of speech, drama producer for three seasons for Victoria School Board Summer Playgrounds programmes, professional stage and radio actress.

MARIO PRIZEK: B.A., University of British Columbia. Artist and scene designer.

COURSES

Theatre Practice: Acting and Speech I.

This course provides daily practice in the fundamentals of acting and good voice production. It includes the following *two subjects*:

> *Acting.* Inner understanding of the actor's task, mime, the body as an instrument of expression, interpreting the role;
>
> *Speech I.* Breath control, tone quality, articulation, interpretation of the spoken line. (Students wishing to combine the acting section of this course with Speech II, instead of Speech I, may apply for permission to do so.)

Ten hours a week—Auditorium and Gymnasium.

Miss Somerset.

Speech II.

Advanced training stressing efficient and expressive speech. Students will be asked to prepare individual selections for criticisms in class.

Prerequisite: Speech I or its equilvalent.

Five hours a week—Hut M1.

Miss Davies.

Directing.

A course dealing with the various problems a director must consider in bringing a play to performance—interpretation of script and conduct of rehearsals, stage movement and business, rhythm, mood, setting and prompt book. Students taking this course will be given opportunity to direct scenes and to work with children on the production of a play.

Prerequisites for admission to this course are: (a) A course in Acting and Speech I equivalent to that offered at the Summer School, *or* (b) some previous experience in the production of plays.

Five hours a week. (Rehearsal periods in addition.)—Brock North.

Mr. Gill.

Stagecrafts.

Practical workshop classes including scene design, scene construction and painting, and make-up. Students will participate in staging, lighting and costuming the plays produced at the conclusion of the school.

Ten hours a week—Scene Shop.

Mr. Risk, Mrs. Richardson, Mr. Prizek.

Production of a Play.

All students will have the opportunity of participating in the production of one of the plays presented at the conclusion of the school.

A Final Examination will be required for those seeking credits.

TIME TABLE

(*Subject to Change*)

8:30 - 10:20	Theatre Practice (*Section A*) Stagecrafts (*Section B*)
9:30 - 10:20	Speech II
10:30 - 11:20	Directing
10:30 - 12:20	Theatre Practice (*Section B*) Stagecrafts (*Section A*)
2:00 - 5:30	Rehearsals. (*Evening rehearsals called as necessary.*)

Opening Meeting of the School will be held on Monday, July 4th, at 10:00 a.m., in the University Auditorium.

FEES

Complete Course (2 or more *subjects*)	$35.00
Individual Subjects	18.00
Stagecrafts Laboratory Fee	2.00

CREATIVE WRITING

SHORT STORY AND PLAYWRITING

Four Weeks' Course—July 4th to July 29th.

Six Weeks' Course—July 4th to August 12th.

Of all the arts, that of the written word is the most universal and the most potent. In the form of novel, short story, poetry, drama, non-fiction or newspaper it reaches into every home. To assist those who seek to express themselves through the art of the written word the University of British Columbia offers for a second summer this course in creative writing.

Four Weeks' Course

This is the basic course in which all students will enrol. It will concern itself with short story writing and playwriting and will consist of lectures, practical experience in writing, class reading and criticism of student work, and individual consultations with the instructor.

Six Weeks' Course.

This embraces the four weeks' course and provides an additional two weeks for those students seeking further opportunity to put into practice what they have learned in the first part of the course and to receive also as much professional, critical guidance as possible.

Former Students.

Students who have taken this course before will receive special assignments and will be given individual attention by the instructor.

All Students.

All students are urged to bring with them any copies of short stories or plays on which they have already worked.

Classes.

Four hours daily; 10:00 to 12:00 and 1:30 to 3:30. Room Physics 300. Division of short story and playwriting sections will be determined after the first meeting of the course. First meeting will be held on Monday, July 4th, at 10:00 a.m.

Instructor.

MR. PHILIP FREUND, M.A., Cornell, is a well-known young American writer. He has published seven novels, four volumes of short stories and is a contributor to the *Saturday Evening Post* and the *New York Times Magazine*. He has published a number of one-act plays and is instructor in playwriting at Hunter College, New York City. In addition he has had a great deal of experience in motion picture script writing and is instructor in film writing at Hunter College, and City College of New York. This is Mr. Freund's second summer at the University of British Columbia.

FEES

Four Weeks' Course	$30.00
Six Weeks' Course	40.00

ARTS AND CRAFTS

Throughout the ages the visual arts and handicrafts have provided a source of intense satisfaction to those seeking a form of self-expression close to their daily lives. A desire for this same form of expression is one of the notable features of our society today. The Extension Department is, therefore, happy to offer courses in Drawing and Painting, Modelling and Pottery, in addition to the courses in Weaving, Painting for Pleasure, and Art of Photography previously given.

Drawing and Painting.—July 4 - August 5.

A serious course for more advanced students, offering an intensive inquiry into form, colour and composition; using still life and landscape. There will be demonstration and practice in the technical aspects of painting: preparation of papers, boards and canvasses—various mediums and techniques, also mounting and framing.

Monday, Wednesday and Friday: 1 - 4 p.m. Hut L12.

Fees: $15.00.

Painting For Pleasure.—July 5 - August 4.

A series of ten picnic sketching parties for novices and occasional painters, devoted to lessons on drawing and composition in the landscape picture and to the handling of colour, light and atmosphere. Students bring their own picnic suppers and meet at pre-arranged rendezvous.

Tuesday and Thursday: 4 - 7 p.m. Huts B4 and B5.

Fees $10.00.

Instructors.

In charge of these courses will be:

MR. B. C. BINNING, a senior instructor at the Vancouver School of Art, Canadian Graphic Art Society, and Canadian Group of Painters. He is represented in the permanent collections of the National Gallery at Ottawa and the Toronto Art Gallery. Associated with him will be artists:

MR. CLIFF ROBINSON, Canadian Society of Painter-Etchers and Engravers.

MR. PETER ASPELL, Instructor, Vancouver School of Art, and well-known portrait painter.

Initial needs such as pads and pencils may be obtained at the first meetings of these classes. Other requirements will be indicated later.

Modelling.—July 5 - August 4.

A short but intensive course in clay modelling, embracing the study of bas-relief, full relief, the human features and their anatomy, the decorative mask, the head in the round, building of armatures, and a casting demonstration.

Tuesday and Thursday: 1 - 4 p.m. Art Centre.

Fees: $10.00

A laboratory fee of approximately $2.50 per student will be charged to cover the cost of materials used.

Instructor.

MISS BEATRICE LENNIE, sculptress and teacher. Post-graduate, California School of Fine Arts, San Francisco. Exhibitor, Sculptor's Society of Canada, National Gallery at Ottawa, Royal Canadian Academy. Among public commissions executed are works in Hotel Vancouver, and Shaughnessy Military Hospital.

Pottery.—July 4 - August 3.

A practical course in which both beginning and advanced students will obtain individual experience in hand-built methods of making pottery, throwing on the potter's wheel, and figurines.

Monday and Wednesday: 1 - 4 p.m. Art Centre.

Fees: $12.50.

A laboratory fee of between $3.00 and $5.00 will be charged per student, depending upon the size and number of articles finished.

Instructor.

MISS MOLLIE CARTER, artist and teacher. Studied under Edith Heath, director of Heath Ceramics in San Francisco. Director, Pottery Centre, Gordon Neighbourhood House; Instructor, University Fine Arts Centre. Represented in the Canadian Collection, Syracuse Museum; Exhibitor, Canadian Guild of Potters Exhibition.

A list of simple materials required will be sent upon registration.

Weaving For Beginners.—July 4 - 8.

This course is for beginners and those who have only a slight knowledge of weaving. Instruction will be given in the making of warps, dressing and operating various types of looms, and draft-writing. Work on the loom will include as many of the standard weaves as time permits. The course will enable students to proceed under Mrs. Atwater in a more advanced course.

Monday - Friday, 9:00 - 5:00 p.m. Youth Training Centre, 2811 Acadia Road.

Fees: $5.00.

Instructor.

MRS. HELEN ELLIS, chairman of the weaving section of the Handicraft Committee of the Canadian Federation of Artists, B. C. region.

Threads required for the course will be provided free of charge. Students must either provide an approved four-harness loom or pay a loom rental fee of $2.50.

Intermediate and Senior Weaving.—July 11 - 22.

This special two-week course will include weaving "as drawn in", the Summer and Winter weave, the Spot or Bronson weave, Leno, four-harness and eight-harness twills, pick-up weaves, blanket weaves, tweeds and rugs. There will also be classes in draft-writing and daily talks on some special weave or problem.

Monday - Friday, 9:00 - 5:00 p.m. Youth Training Centre, 2811 Acadia Road.

Fees: $20.00.

Instructor.

MRS. MARY ATWATER, well-known to many B. C. weavers who have attended her courses or taken them by correspondence. They are also familiar with her books and other publications. Founder of the Shuttle-Craft Guild, she is America's foremost authority on weaving. Her research in this field includes traditional colonial and native American weaves, as well as Guatemalan, Indian, Mexican, and Peruvian.

Threads required for the course will be provided free of charge. Students must either provide an approved four-harness loom or pay a loom rental fee of $5.00.

The Art of Photography.—July 5 - August 4.

A series of ten photographing expeditions for beginners and those who have some experience but wish to develop their technique in outdoor photography. The course will cover such aspects of photography as camera technique, handling the subject, and composition.

Recommended minimum equipment: a camera, tripod and film.

Tuesday and Thursday: 5:30 - 8:30 p.m. Arts 102.

Fees: $10.00.

Instructor.

A. GEORGE BULHAK, B.S.A., University of British Columbia.

Mr. Bulhak has published a series of pictorial studies of the University under the title of *U. B. C. Panorama* and is also the editor of *Beautiful Vancouver.*

SUMMER SESSION STUDENTS' ASSOCIATION

The Summer Session Students' Association of the University of British Columbia is composed of all students in attendance at the Summer Session, except those taking only courses under the Department of University Extension. All members are required to pay a fee of $2.00, payable at time of registration.

This student organization originated as a body to care for the purely social requirements of the Summer Session. Growth and expansion down through the years have brought it to one of major importance on the summer campus.

Dances, banquets, teas, musicales, lectures, variety programmes, athletic tournaments embracing golf, tennis, badminton, horseshoes, soft-ball, and table tennis, and fall within the Association Executive's scope. On the more serious side the Executive deals with student resolutions, fees, matters of constitution; in reality, all matters pertaining to student life at the Summer Session. It serves as a liaison group between the student body and the various governing bodies of the University and helps to provide a proper balance between academic pursuit and recreation.

The Summer Session Students' Association holds at least two general meetings each summer. The Executive meets at least weekly during the summer and as often as is deemed necessary throughout the year.

1949 OFFICERS

President ..... S. J. Heywood
Secretary ..... D. A. Smith
Treasurer ..... Miss G. Owen

CASA ESPAÑOLA
(Spanish House)

The University will set aside living quarters for the Summer Session to be used as a Casa Española (Spanish House), which will be a residence for students interested in speaking Spanish and in other aspects of Hispanic civilization. Features of life in the Casa will be a Mesa Española, Spanish-speaking Table; a Tertulia, an informal hour after dinner, featuring Charlas, talks by guests and members of the staff, conversation, songs, etc.—all in Spanish; Fiestas, Spanish parties; Estudio, a study room containing Spanish periodicals.

In making application for residence students agree to make Spanish the language of the Casa. Special attention will be devoted to the needs of beginners. Attention is invited to the courses in Spanish, which are co-ordinated with the Casa. Preference will be given to applications of those enrolling for one or more courses in Spanish.

The fee for Casa activities will be $7.00. In addition there will be the usual charge for meals or for room and board, if required.

As accommodations will be limited, application should be made at once by addressing Casa Española, c/o Department of Spanish, University of British Columbia, Vancouver, B. C., enclosing $7.00 for reservation deposit.

REDUCED RAILWAY FARES FOR STUDENTS AND INSTRUCTORS ATTENDING SUMMER SESSION

Railway companies offer a reduction in fare from stations in Canada for Summer Session students, instructors, and their families. Students should purchase a regular one-way first-class or coach class ticket and *secure at that time* a Standard Convention Certificate. This ticket must be purchased between June 30th and July 6th, inclusive. If presented to the Ticket Agent not later than August 23rd, the certificate, when signed by the Registrar, entitles the holder to purchase a return ticket at one-half of the one-way fare. Tickets permit stop-overs and are limited to thirty days from official closing date.

THE UNIVERSITY BOOK STORE

The book store was established for the convenience of the students, and has effected a considerable saving to the students in time and money. It is prepared to supply all the text-books required for the various courses offered in the University, also such articles as note books, loose-leaf books, fountain pens, drawing paper and instruments.

During the Summer Session the book store is open Monday to Friday, from nine to four o'clock.

UNIVERSITY HEALTH SERVICE

The University Health Service provides a Health Service for students attending the Summer Session.

All students should report to the Health Office within a reasonable time after the Session commences.

Students must report any disabilities or illnesses, including those of a communicable nature, which may occur during the Session.

Students exposed to any communicable disease are to report immediately to the Health Service. Such persons may be permitted, by special order of the Medical Health Officer, to attend the University for a prescribed period, despite the exposure. Such students shall report daily (or oftener at the discretion of the M. H. O.) to the University Health Service for such prescribed period.

Preventive vaccinations and inoculations are given by the Health Service. The Medical Officer will be available by appointment for consultations with students on health problems.

DORMITORY ACCOMMODATION

Adequate dormitory accommodation at reasonable rates will be available for all Summer Session students, both men and women, who wish board and lodging, in either Acadia or the Fort Camp. Further information and application forms may be obtained from the office of the Housing Administrator.

DRAMA
SUMMER SCHOOL OF THE THEATRE
Photograph: Courtesy Bob Steiner.

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Above: LIBRARY.

Below: CAMPUS FROM LIBRARY ROOF.