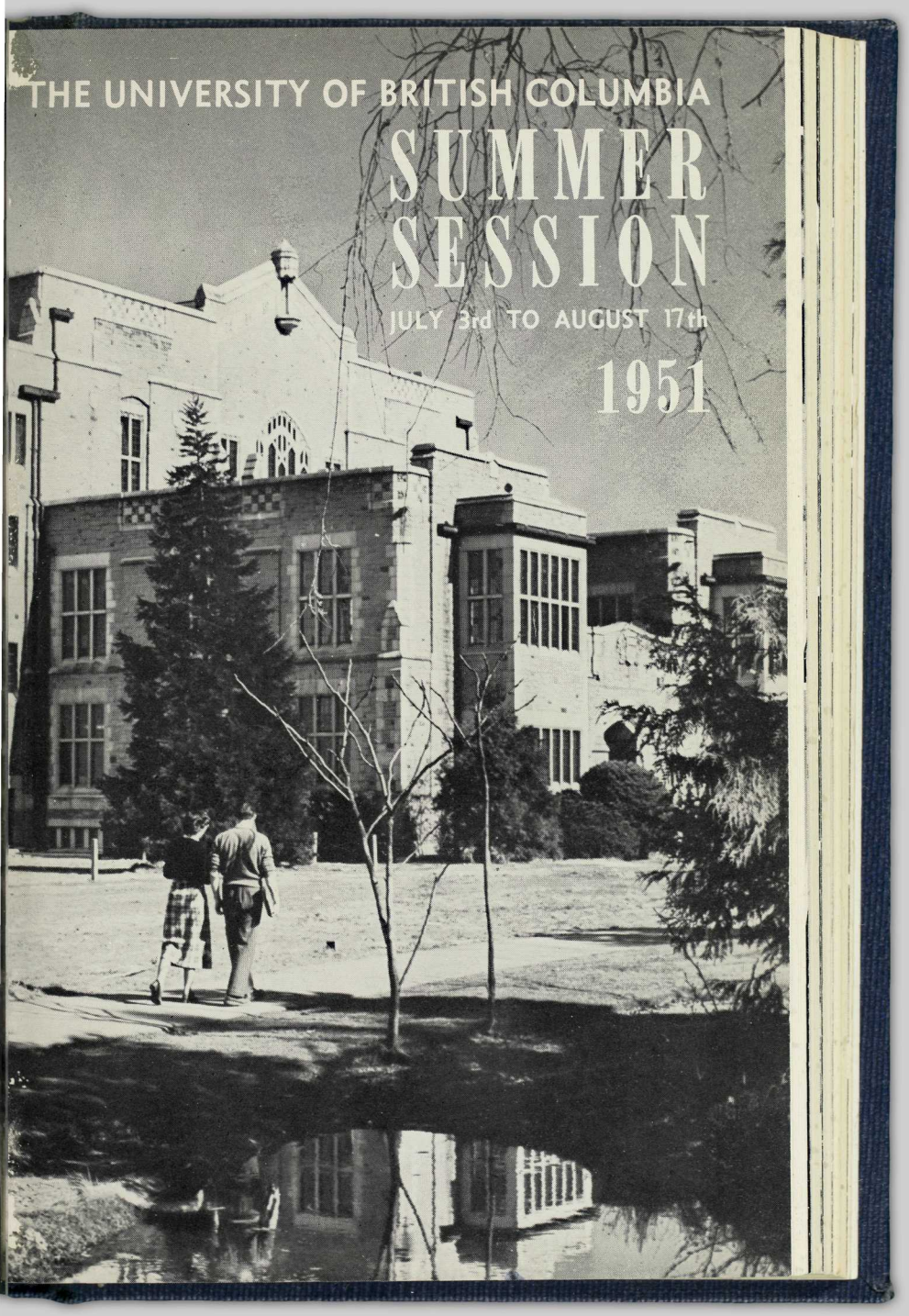
THE UNIVERSITY OF BRITISH COLUMBIA
SUMMER SESSION
JULY 3rd TO AUGUST 17th
1951

PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

Announcement of The Summer Session

SUPPLEMENT TO CALENDAR 1950-51

Thirty-second Session: JULY 3rd TO AUGUST 17th, 1951

The University of British Columbia

VANCOUVER, CANADA

VOL. 36, GENERAL SERIES No. 3

The University of British Columbia

SUMMER SESSION, 1951

		DATES
JULY		
3rd	Tuesday	*Last day for registration of all students. Lectures begin at 8:00 a.m.
4th	Wednesday	Summer Session Supplemental Examinations.
5th	Thursday	General meeting of students.
9th	Monday	Last day for changes in students' courses. Last day for payment of fees.
AUGUST		
2nd	Thursday	General meeting of students.
15th	Wednesday	Last day of lectures.
16th	Thursday	Final Examinations.
17th	Friday	

*The last day for registration is July 3rd—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 12 to 22. Non-credit courses offered by the Department of University Extension are described on pages 23 to 28.

TIME TABLE OF LECTURES

Monday to Friday Inclusive

8:00-9:55 a.m.

Course	*Room*	*Course*	*Room*
Chemistry 100/1	Ch 200	English 200	E 201
Chemistry 200	Ch 300	English 428	A 104
Chemistry 300	Ch 210	French 403	A 105
Commerce 251	HG 10	Geography 101	FG 101
Economics 200	A 204	History 417	A 101
Education 521	E 308	Physics 100/1	P 201
Education 551 (8:00)	E 200	Physics 200	P 202
Education 550 (9:00)	E 200	Psychology 201	E 202
English 100/1	A 103	Russian 203	P 301

10:10-12:05 a.m.

Course	*Room*	*Course*	*Room*
Bacteriology 201	Ch 300	French 202	A 105
Education 509		Geography 307	FG 101
(Math.) (10:10)	A 102	History 101	A 204
Education 522 (10:10)	A 106	Linguistics 319	A 101
Education 529	E 308	Mathematics 205	P 302
Education 560 (11:05)	A 106	Philosophy 100	HM 2
Economics 310	A 103	Philosophy 304	HM 1
English 406	A 206	Sociology 335	A 206
French 101	A 104		

1:15-3:15 p.m.

Course	*Room*	*Course*	*Room*
Biology 100	B 100	Geography 201	FG 101
Biology 330	B 126	German 90	A 104
Commerce 471	A 208	German 100	A 105
Education 509		History 317	A 206
(S.S.) (1:15)	E 308	Mathematics 200	P 302
(Eng.) (2:15)	E 308	Mathematics 300	P 301
Education 532 (1:15)	A 103	Political Science 330	A 106
Education 581 (2:15)	A 102	Psychology 100	E 200
English 408	A 204	Psychology 202	HM 2
		Spanish 201	A 108

3:30 p.m. (July 3rd only)

Physical Education (all courses)—Old Gymnasium

ABBREVIATIONS

A.—Arts Building
B.—Biological Sciences Building
Ch.—Chemistry Building
E.—Engineering Building
FG.—Forestry and Geology Building
HG.—Huts near Old Gym
HM.—Hut near Armouries on West Mall
P.—Physics Building

OFFICERS AND STAFF

NORMAN A. M. MacKENZIE, C.M.G., M.M. AND BAR, K.C., B.A., LL.B., LL.M., LL.D., D.C.L., F.R.S.C., President.

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

HENRY F. ANGUS, B.A., B.C.L., M.A, LL.D., F.R.S.C., Dean of the Faculty of Graduate Studies.

WALTER H. GAGE, M.A., Dean of Administrative and Inter-Faculty Affairs.

J. R. McINTOSH, B.A., M.Ed., Ph.D., Director of the Summer Session.

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

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

MISS ANNE M. SMITH, B.A., B.S. in Library Science, M.A., Acting Librarian.

Bacteriology and Preventive Medicine

Lecturer to be announced.

Biology and Botany

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

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

Chemistry

J. ALLEN HARRIS, M.A., Ph.D., Professor.

MILTON KIRSCH, B.Sc., Ph.D., Assistant Professor.

G. G. S. DUTTON, M.A., A.I.R.C., Assistant Professor.

Classics (Linguistics)

A. W. de GROOT, Professor of Ancient and Mediaeval Latin Language and Literature, University of Amsterdam.

Commerce

LESLIE G. J. WONG, B.Com., M.B.A., Assistant Professor.

C. C. GOURLAY, B.Com., Assistant Professor.

Economics, Political Science and Sociology

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

J. S. ROUCEK, B.A., M.A., Ph.D., Chairman, Departments of Political Science and Sociology, University of Bridgeport.

W. GORTER, A.B., Ph.D., Professor, University of California.

LEONARD BROOM, B.S., A.M., Ph.D., Associate Professor of Sociology, University of California at Los Angeles.

Education

R. O. BILLETT, M.A., Ph.D., Professor of Education and Chairman of the Department of Education, Boston University.

L. A. REID, M.A., Ph.D., D.Litt., Professor of Philosophy of Education, University of London.

J. M. STEPHENS, B.A., Ph.D., Professor of Education, Johns Hopkins University.

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

MISS M. SUTHERLAND, B.A., B.Ed., M.A., University of California.

D. N. MACLEAN, B.A., B.Ed., Lecturer.

R. C. M. RUSSELL, B.A., Lecturer.

English

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

H. J. FILES, A.M., Ph.D., Professor and Chairman of the English Department, McGill University.

THORLEIF LARSEN, M.A., B.A., F.R.S.C., Professor.

G. P. V. AKRIGG, M.A., Ph.D., Associate Professor.

MISS D. SOMERSET, A.B., Assistant Professor.

HENRY KREISEL, M.A., Lecturer, University of Alberta.

French

CLAUDE TREIL, Certificats d'Etudes Supérieures, Instructor, Victoria College.

G. L. HALL, M.A., Assistant Professor.

HUBERT DEMARCY, Professeur de français à l'étranger (Univ. de Paris), Lecturer.

Geology and Geography

C. N. BEARD, A.B., A.M., Ph.D., Associate Professor of Geology and Geography, Fresno State College.

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

G. TATHAM, A.B., Ph.D., Associate Professor, University of Toronto.

German

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

MRS. D. C. MURDOCH, B.A., A.M., Lecturer.

History

H. W. BRADLEY, M.A., Ph.D., Dean, Graduate School, Claremont College.

J. STEWART REID, M.A., Ph.D., Professor and Head of the Department of History, United College, University of Manitoba.

MISS S. THRUPP, M.A., Ph.D., Associate Professor, University of Chicago.

Mathematics

D. C. MURDOCH, M.A., Ph.D., Associate Professor.

R. T. D. WALLACE, M.A., Associate Professor of Mathematics, Victoria College.

S. W. NASH, B.A., M.A., Ph.D., Assistant Professor.

Philosophy and Psychology

BARNETT SAVERY, A.B., A.M., Ph.D., Professor and Chairman of the Department.

W. J. McCURDY, A.M., Ph.D., Associate Professor, University of Toronto.

EDRO SIGNORI, B.A., M.A., Ph.D., Associate Professor.

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

D. T. KENNY, B.A., M.A., Lecturer.

Physical Education

R. F. OSBORNE, B.A., B.Ed., Associate Professor and Director of Physical Education, Men.

MISS MARJORIE LEEMING, B.A., Assistant Professor.

JACK POMFRET, B.A. (Health and P.E.), Assistant Professor.

MRS. MAY BROWN, B.Sc. (Phys. Ed.), Instructor.

LORNE BROWN, B.P.E., Director of Men's Physical Education, Provincial Normal School, Vancouver.

Physics

W. RAUDORF, B.A., Ph.D., Associate Professor.

OTTO BLÜH, Dr. Rer. Nat., D.Phys., F.Inst.P., Assistant Professor.

Slavonic Studies (Russian)

C. BRYNER, M.A., Ph.D., Assistant Professor.

Spanish

C. V. BROOKE, B.A., A.M., Ph.D., Associate Professor.

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.

Registration period: Monday, June 25th, to Tuesday, July 3rd, inclusive.

Hours: Monday to Friday, 9:00 a.m. to 4:30 p.m.; Saturday, June 30th, 9:00 a.m. to 12:00 noon.

With the exception of June 30th, the University offices will be closed all day each Saturday during June, July and August.

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 3rd.

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 $180.00. 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 $180.00 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 $180.00 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 examination.

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, 1951, 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 30th.

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 30th. 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 correspondence 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 correspondence 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 correspondence 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 correspondence 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 one year from the date of receipt of the loan, and until the expiration of the one-year period no interest will be charged. Loans, which may be repaid at any time during the one-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.

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, all 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.

1951 OFFICERS

President ..... Miss Mary McDonald

Secretary ..... D. A. Smith

Treasurer ..... Miss Carol Menzies

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 29th and July 5th, inclusive. If presented to the Ticket Agent not later than August 21st, 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 who wish board and lodging, in Acadia Camp, Fort Camp or the new Women's Residences. Further information and application forms may be obtained from the office of the Housing Administrator.

Courses of Study

BACTERIOLOGY

100. Introductory Bacteriology.

History of bacteriology; bacteria in nature; classification of bacterial forms; methods of culture and isolation; relation of bacteria to agriculture, industry, veterinary science, public health and sanitation.

Prerequisites: Chemistry 100 or 101, either of which may be taken concurrently.

This course is prerequisite to all more advanced courses in the department.

Text-book: To be announced.

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

Text-book: Mavor, *General Biology.*

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

Mr. Wort.

330. Principles of Genetics.

Development of genetics; animal, plant and human examples.

Text-book: Sinnot and Dunn, *Principles of Genetics.*

Prerequisite: Biology 100.

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

Mr. Hutchinson.

CHEMISTRY

100 or 101. General Chemistry.

An introduction to inorganic chemistry including fundamental theories, chemical arithmetic, properties of some of the more common elements.

Text-books: Pauling, *College Chemistry;* Schaum, *Outline of Theory and Problems;* Malm and Frantz, *College Chemistry in the Laboratory.*

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

Mr. M. Kirsch.

200. Quantitative and Qualitative Analysis.

Principles of chemistry with special emphasis on analytical procedures; reactions of the common ions; ionic equilibria in solution.

Text-books: Hamilton and Simpson, *Talbot's Quantitative Analysis;* Curtman, *Introduction to Semimicro Qualitative Analysis.*

Prerequisite: Chemistry 100 or 101.

Six hours lectures, and laboratory hours as arranged—3 units.

Mr. J. A. Harris.

300. Organic Chemistry.

Introduction to organic chemistry, including both aliphatic and aromatic compounds, based on a consideration of the main properties of the more important functional groups.

Text-book: Fieser and Fieser, *Organic Chemistry*, 2nd abridged edition.

Prerequisite: Chemistry 200 or 205.

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

Mr. G. G. S. Dutton.

COMMERCE

251. Fundamentals of Accounting.

An introductory course on fundamental bookkeeping procedure, preparation of financial statements and uses which may be made of accounting data in operating business enterprise.

Text-book: Finney, *Principles of Accounting—Introductory.*

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

Mr. Gourlay.

NOTE: Students registering for Commerce 251 are strongly advised not to attempt any additional course.

471. Business Finance.

Problems of financing business concerns, including promotion, types of organizations, provision of long-term and short-term capital, dividend policy, expansion and combination, involvements, public policy toward corporations.

Case book: Hunt and Williams, *Case Problems in Finance.*

Text-book: Guthmann and Dougall, *Corporate Financial Policy*, 2nd edition.

Prerequisites: Commerce 251 and Economics 200.

Ten hours lectures a week—3 units.

Mr. Wong.

NOTE: This course counts for credit in Economics toward the B.A. degree.

ECONOMICS

200. Principles of Economics.

The agencies, institutions and processes involved in providing for society's material well-being; division of labour and exchange; roles of money, prices and profits; determinants of income, employment, and the standard of living.

Prerequisites: First Year standing.

Text-books: Logan and Inman, *A Social Approach to Economics;* Burns, Meyers and Watson, *Elements of Modern Economics.*

Ten hours lectures a week—3 units.

Mr. J. A. Crumb.

310. International Trade.

The mechanism of international trade and finance with particular reference to exchange rate determination and trade policy. Price levels, purchasing power parity; government control of exchange rates; gold versus paper standards; protection and free trade; international cartels and monopolies; trade treaties and international agreements.

Prerequisite: Economics 200.

Text-book: Ellsworth, *The International Economy.*

Reference: Haberler, *The Theory of International Trade.*

Ten hours lectures a week—3 units.

Mr. Gorter.

NOTE: Commerce 471 may be taken for credit in Economics.

EDUCATION

509. High School Methods.

To be given in three sections, English, Social Studies and Mathematics, each carrying 1½ units of credit. The methodology requirements for the Academic "A" certificate will be met by taking either 1½ or 3 units from this course.

Five or ten hours lectures a week—1½ or 3 units.

Mr. Maclean and Mr. Russell.

521. (3) Philosophy of Education.

Current trends in educational philosophy; social implications of contemporary educational theories. Not open to students who have taken the Teacher Training Course.

Selected readings to be assigned.

Ten hours lectures a week—3 units.

Mr. Reid.

522. (1½) The Secondary School.

Principles of secondary education. Modern developments of these in Canada and the United States.

Text-book: Giles, McCutchen and Zechiel, *Exploring the Curriculum.*

Five hours lectures a week—1½ units.

Mr. Billett.

529. (3) Educational Psychology.

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. Not open to students who have taken the Teacher Training Course.

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

Ten hours lectures a week—3 units.

Miss Sutherland.

532. (1½) Psychology of Adolescence.

Junior and senior high school pupil as an individual and member of social groups; physical, mental, social, emotional, and religious development typical of adolescence.

Text-book: To be announced.

Five hours lectures a week—1½ units.

Mr. Stephens.

550. (1½) Introduction to Guidance.

Objectives: gathering and using information concerning students; counselling; articulation of different forms; contributions of teachers, principal, and specialists; analysis of typical guidance programmes.

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

Five hours lectures a week—1½ units.

Mr. Woellner.

551. (1½) Counselling Techniques.

For counsellors and teachers who are preparing for counselling.

Text-book: Williamson, *Counselling Adolescents.*

Five hours lectures a week—1½ units.

Mr. Woellner.

560. (1½) Teaching in the Secondary School.

Modern techniques; socialized procedures; provision for individual differences through unit methods.

Text-book: Billett, *Fundamentals of Secondary School Teaching.*

Five hours lectures a week—1½ units.

Mr. Billett.

581. Methods of Educational Research.

The scientific method in Education; discovering educational problems; types of research; standards in thesis writing; critical study of published research.

Text-book: To be announced.

Note: All M.A. candidates are urged to enrol in this course.

Five hours lectures a week—1½ units.

Mr. Stephens.

ENGLISH

100-1. Literature and Composition.

The short story; the play; the essay; poetry. Principles of composition.

NOTE: This course must be taken entire and is not divisible, for purposes of credit, into two parts.

Basic Texts: *A Little Treasury of Modern Poetry* (ed. Williams); *Masters of the Modern Short Story* (ed. Havighurst); Shakespeare, *Antony and Cleopatra;* Shaw, *Saint Joan; Century Collegiate Handbook* (ed. Greever and Jones).

Ten hours lectures a week—3 units.

Mr. Larsen.

200. Literature.

Major authors, Chaucer to Browning.

Prerequisite: English 100-1.

Texts: *The College Survey* (Shorter Edition) (ed. Whiting *et al*); Shakespeare, *Hamlet;* Swift, *Gulliver's Travels; Stories from Hakluyt* (ed. Wilson); Fielding, *Joseph Andrews;* Austen, *Pride and Prejudice;* Dickens, *Great Expectations.*

NOTE: Preliminary reading is required: about 20% of the total credit for the course will be given on the results of an examination held during the first week of the Summer School term and covering the works by Swift, Fielding, Austen and Dickens. These works must be read in advance.

Ten hours lectures a week—3 units.

Mr. Kreisel.

(Prerequisite to senior English courses listed below is English 200, if the student is proceeding to a B.A. degree; EITHER English 200 OR English 205 if the student is not proceeding to a B.A. degree.)

406. Studies in English Poetry.

The emphasis in this course is on well-known poets, particularly those of the nineteenth and twentieth centuries. The works selected for discussion will be chosen to illustrate the theories and principles of poetics, the relation between the substance of poems and the lives and ideas of their authors, and the critical devices by which our enjoyment of poetry is deepened and our judgment of poems clarified.

Text-book: To be announced.

Recommended preparatory reading: as extensive a reading as possible of Wordsworth, or Tennyson, or Hardy.

Ten hours lectures a week—3 units.

Mr. Daniells.

408. Elizabethan Literature.

The lyric, the sonnet sequence, the pastoral, the prose romance, realistic prose and verse, literary criticism, the essay. Authors studied will include Sidney, Daniel, Drayton, Campion, Jonson, Bacon and Donne. Some of the work of Spenser and of Shakespeare will be examined in detail. The King James version of the Bible and its influence will receive attention.

Text-books: Lamson and Smith (eds.), *The Golden Hind.*

Recommended preparatory reading: Books I and II of *The Faerie Queene.*

Ten hours lectures a week—3 units.

Mr. Akrigg.

421. Theatre Practice.

This course, consisting of Acting I and Speech I (Junior Courses), deals with the theory and practice of acting and with the fundamentals of voice production. It includes the following subjects: (a) principles of acting, movement, pantomime, preparation of the role, participation in a play; (b) breath control, tone quality, clarity and projection, interpretation of the spoken line. Students having a recognized equivalent of either Acting I or Speech I and wishing to substitute other subjects 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—3 units.

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

Students taking this course are strongly advised not to register for any other course in the Summer Session.

For time-table, see Summer School of the Theatre schedule listed under Extension Department courses.

428. American Literature to 1865.

The history of challenge and response which accompany the dynamic expansion of civilization on this continent, as reflected in literature. Some attention will be paid to the beginnings of Canadian literature. Emphasis upon Franklin, Irving, Poe, Emerson, Thoreau, Hawthorne, Melville, the early Whitman.

Text-books: Norman Foerster (ed.), *American Poetry and Prose* (3rd ed.); A. J. M. Smith (ed.), *The Book of Canadian Poetry* (rev. ed.).

Recommended preparatory reading: Some of the following—Cooper, *The Deerslayer;* Thoreau, *Walden;* Hawthorne, *The Scarlet Letter;* Melville, *Moby Dick.* (Cheap editions are available at the University Bookstore.)

Ten hours lectures a week—3 units.

Mr. Files.

FRENCH

101. First Year University French.

Reading of French authors. Review of grammar; composition; pronunciation.

Prerequisite: University Entrance French or equivalent.

Text-books: Irvin and King, *Lectures intermédiaires* and a French grammar to be announced.

Ten hours lectures a week—3 units.

Mr. Hall.

202. Second Year University French.

Prerequisite: French 101 or equivalent.

Text-book: Cattanès and Robert, *Promenades littéraires et historiques*, and a French review grammar to be announced.

Ten hours lectures a week—3 units.

Mr. Treil.

403. Course for Teachers.

Advanced composition and syntax; phonetics and diction; oral practice.

Prerequisite: French 202 or its equivalent.

Ten hours lectures a week—3 units.

Mr. Demarcy.

GEOGRAPHY

101. Elementary Physical Geography.

Introductory course; the study of maps and map reading, climate, land forms, processes of weathering, erosion, diastrophism, materials of the earth's crust; laboratory: elementary surveying and map making; interpretation of climatic, distribution and topographic maps; the study of common minerals, rocks and fossils. Geography 101 may be credited as a science course in the first or second year electives.

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

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

Mr. Beard.

201. Human and Economic Geography.

An introductory course dealing with man and his occupations; the effect of physical environment upon the distribution of world population; the distribution of natural resources and problems of trade. Special attention will be given to methods of teaching the course material.

Text-book: Bengston and Van Royen, *Fundamentals of Economic Geography*, 1950.

Ten hours lectures a week—3 units.

Mr. Robinson.

307. Human and Political Geography.

Influences of natural environment upon man; life and occupations of man in climatic regions such as the Arctic, tropics, deserts, mountains; world population problems; boundary problems; development of geopolitics.

Text-book: Pearcy and Fifield, *World Political Geography*, 1948.

Ten hours lectures a week—3 units.

Mr. Tatham.

GERMAN

90. Beginner's Course.

Prerequisite: none.

Text-books: Greenfield, *An Outline of German Grammar;* Hagboldt, *Graded German Readers*, i - v, alternate series.

Ten hours lectures a week—3 units.

Mrs. Murdoch.

100. Intermediate Reading and Composition.

Text-books: Kastner, *Die verschwundne Miniatur;* Kurtz, *Drei Novellen;* Bruns, *Book of German Lyrics;* Russon, *Complete German Course.*

Prerequisite: University Entrance or German 90.

Ten hours lectures a week—3 units.

Mr. Cowie.

HISTORY

101. Main Currents in Twentieth-Century History.

This course offers a background for contemporary world problems and 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,* or Chambers, Grant, and Bayley, *The Age of Conflict;* Schmitt, *Triple Alliance and Triple Entente;* Fox, *The Super-Powers,* (for upper year credit). (Extra work will be required from Third and Fourth Year students taking this course.)

Ten hours lectures a week—3 units.

Mr. Reid.

317. History of the Pacific World in Modern Times.

A general outline of the history of the Pacific with special reference to the Southwest Pacific, including Australia and New Zealand.

Ten hours lectures a week—3 units.

Mr. Bradley.

417. Europe in World Economy Since 1800.

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 lectures a week—3 units.

Miss Thrupp.

LINGUISTICS

319. General Introduction to Modern Linguistic Science.

Speech and language. Speech and the world of things—variety of languages. Structural linguistics. The study of meanings, linguistic changes, phonetic laws. Aesthetics of speech. The needs of High School language teachers will be kept in mind throughout the course.

Text-book: E. H. Sturtevant, *Introduction to Linguistic Science.*

Prerequisite: At least Second-class standing in any of the following courses: Anthropology 300, English 200, French 202, German 200, Greek 202, Latin 202, Polish 210, Russian 200, Spanish 201.

Ten hours lectures a week—3 units.

Mr. de Groot.

MATHEMATICS

200. Algebra and Geometry.

Mathematical induction, complex numbers, theory of equations, determinants, conics, polar coordinates, and solid analytic geometry.

Text-book: Sisam, *College Mathematics.*

Prerequisite: Mathematics 101.

Ten hours lectures a week—3 units.

Mr. Wallace.

205. Elementary Statistical Analysis.

Basic theorems of probability, standard tests, elements of statistical estimation. Enrolment in this course will be limited by available laboratory space.

Text-book: To be announced.

Prerequisite: Mathematics 101.

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

Mr. Nash.

300. Calculus.

Differential and integral calculus with applications.

Text-book: Sherwood and Taylor, *Calculus*, revised edition.

Prerequisite: Mathematics 202.

Ten hours lectures a week—3 units.

Mr. Murdoch.

PHILOSOPHY

100. Introduction to Philosophy.

Problems of philosophy with emphasis upon proposed solutions of problems of today.

Ten hours lectures a week—3 units.

Mr. Savery.

304. Social Philosophy.

Historical survey, evaluation of present social institutions and processes in terms of the democratic ideal.

Ten hours lectures a week—3 units.

Mr. McCurdy.

PHYSICAL EDUCATION

Women

221. Individual Games.

Tennis, strokes and court tactics; archery, techniques and shooting.

Text-book: Ainsworth, *Individual Sports for Women.*

Three and one-half weeks, one hour per day, July 4-28—½ unit.

Miss Leeming.

241. Dance.

Elementary modern dance, history of dance, musical form and its application to the dance; elementary folk dance, Scandinavian, American, English; ballroom dancing.

Three and one-half weeks, two hours per day, July 4-28—1 unit.

311. Team Games.

Grass hockey, volley ball, track and field, fundamental skills and team tactics, coaching and officiating.

Text-book: *Official Guides;* Lees, *Field Hockey for Girls.*

Three and one-half weeks, two hours per day, July 29 to August 17—1 unit.

Mrs. Brown.

321. Individual Games.

Golf, woods, and irons; badminton, strokes and court tactics.

Three and one-half weeks, one hour per day, July 4-28—½ unit.

Miss Leeming.

Men and Women

460. Organization and Administration of Physical Education.

A study of the problems relating to the organization and administration of physical education programmes.

Seven hours lectures a week—2 units.

Mr. Osborne.

470. Health.

Nutrition, sex education, community health and sanitation, development of health services, mental health, safety.

Seven hours lectures a week—2 units.

Mr. Brown.

Men

200. Gymnastics.

Free standing exercises, tumbling, and apparatus.

Three and one-half weeks, two hours a day, July 4-28—1 unit.

Mr. Brown.

210. Basketball.

Fundamentals, basic drills, rules.

Four hours a week—½ unit.

Mr. Pomfret.

218. Minor Games.

Volleyball, group games, and relays. Rules, skills, teaching technique, practical teaching.

Four hours a week—½ unit.

Mr. Brown.

241. Dance.

See above under "Women".

Men may register for this course which will be the equivalent of P.E. 240.

450. Track and Field.

Fundamentals of hurdling, broad jumping, throwing the javelin and discus, relay racing. Organization and conduct of a track and field meet.

Four hours a week—½ unit.

Mr. Osborne.

PHYSICS

100/1. Elementary Physics.

Principles of mechanics, properties of matter, heat, light, sound, electricity, and some of the more recent developments in physics.

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

Prerequisite: Mathematics 101.

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

Mr. Blüh.

200. Mechanics, Heat, and Molecular Physics.

Coplanar forces, Newton's Laws of Motion, friction, calorimetry, gas laws and kinetic theory, radiation and conduction, entropy and second law of thermodynamics.

Text-books: Duncan and Starling, *Dynamics;* Tyler, *Intermediate Heat.*

Prerequisite: Physics 100 or 101. Mathematics 200 and 202 should be taken concurrently or preceding this course.

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

Mr. Raudorf.

POLITICAL SCIENCE

330. History of Political Thought.

Contributions of some of the great political thinkers to the theory of government, and conceptions of the state with emphasis on present-day political problems.

Text-book: Roucek-deHuszar, *Introduction to Political Science.*

Prerequisite: Economics 200.

Ten hours lectures a week—3 units.

Mr. Roucek.

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,* 3rd edition.

References: Dashiell, *Fundamentals of General Psychology;* Munn, *Psychology.*

Ten hours lectures a week—3 units.

Mr. Kenny.

201. Social Psychology.

Personality development, motivation, beliefs and attitudes, language, institutional behaviour, leadership, propaganda, freedom and control, major social problems.

Text-book: La Piere and Farnsworth, *Social Psychology,* 3rd edition.

Reference: Newcomb and Hartley, *Readings in Social Psychology.*

Prerequisite: Psychology 100.

Ten hours lectures 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.*

Prerequisite: Psychology 100.

Ten hours lectures a week—3 units.

Mr. Signori.

RUSSIAN

203. Russian Reading and Conversation.

Review of Russian grammar. Reading and conversation in Russian.

Text-books: Semeonoff, *New Russian Grammar;* Chekhov, *The Album;* Boronina, *A Siberian Forest Adventure.*

Prerequisites: Russian 100, or equivalent.

Ten hours lectures a week—3 units.

Mr. Bryner.

SOCIOLOGY

335. Ethnic and Status Groups.

Organization, acculturation, and differentiation of ethnic groups; segregation, discrimination; social stratification; status; selective immigration, assimilation, ethnic pluralism.

Readings to be assigned.

Prerequisite: Economics 200 or Sociology 200. Economics 200 may be taken concurrently.

Ten hours lectures a week—3 units.

Mr. Broom.

SPANISH

201. Second Year University Spanish.

Study of modern authors; assigned themes in Spanish; conversation.

Text-books: Mitchell, *Intermediate Spanish Composition*; Kasten and Neale-Silva, *Lectursa amenas*; Adams, *España, Introducción a su civilización*.

Prerequisite: Spanish 101 or equivalent.

Ten hours lectures a week—3 units.

Mr. Brooke.

SUMMER SESSION REGISTRATION 1950

MEN		WOMEN		TOTAL
Veteran	*Non-Veteran*	*Veteran*	*Non-Veteran*	
59	667	2	370	1098

Auditors (not included in above) 20

Department of University Extension

Summer Fine Arts Programme

The campus of the University of British Columbia provides a unique setting for a summer art centre. With its beautiful surroundings of mountains and sea, its art gallery, theatre, museum and workshops, it offers a splendid opportunity for both serious and recreational study in the arts as well as for informal meeting and interchange of ideas.

The Department of University Extension, in cooperation with the University Fine Arts Committee, offers a series of courses in the arts under distinguished artist-instructors. Highlighting the summer are the festival programmes in which the work of students in music, theatre, art and handicrafts is presented to the public.

Courses Offered

Practical Study of Concert and Opera Literature.

May 28th - July 5th.

Summer School of Theatre.

July 3rd - August 11th.

Arts.

Painting For Pleasure. July 3rd - August 2nd.

Design and Composition in Painting. July 4th - August 6th.

Handicrafts.

Elementary Pottery. July 4th - August 6th.

Advanced Pottery Workshop. July 9th - July 20th.

Weaving. July 9th - July 27th.

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

Practical Study of Concert and Opera Literature
May 28th to July 5th

The University of British Columbia is very aware of the fact that in the west of Canada there are many singers capable of making an outstanding contribution to the musical life of their community. Moreover, it believes that if distinguished operatic companies can be formed in the east of Canada, so also can they be developed in the west. As an encouragement to concert and operatic singers, and in pursuance of a policy inaugurated last year, the Department of University Extension has invited Mr. Nicholas Goldschmidt to return to Vancouver and give a second summer course in concert and opera literature.

Guest Director.

Mr. Nicholas Goldschmidt: Eminent Czechoslovakian baritone, presently conductor of the Canadian Broadcasting Corporation Opera Company and musical director of the Opera School of the Royal Conservatory of Music, Toronto. Before coming to Canada Mr. Goldschmidt was director of the orchestra and chorus at the San Francisco Conservatory of Music and Associate in Music at Columbia University. He is also a Lieder singer of note and while in the United States gave many self-accompanied Lieder Recitals. His distinguished contribution to the musical life of Canada is known to radio audiences in all parts of the Dominion.

Classes.

Classes will be practical, with emphasis placed on the singing and interpretation of German Lieder and operas from the standard repertoire. At the conclusion of the course the work of the students will be presented in a public recital, in which will be included excerpts from "The Marriage of Figaro".

Instruction will be given in individual lessons and in bi-weekly group classes.

Individual lessons: Students will be accepted for individual lessons by audition only.

Group classes: Group classes are open to all, auditors as well as singers. Students taking individual lessons are advised, if possible, to enrol for group classes.

Auditions will be held on Monday, May 28th, by appointment.

Instruction begins on May 29th.

Mondays:	10:30 - 12:30 p.m.	Individual lessons University Studio
Tuesdays:	7:30 - 9:30 p.m.	Group class University Studio
Wednesdays:	5:30 - 7:30 p.m.	Individual lessons Down-town studio
Thursdays:	10:30 - 12:30 p.m.	Individual lessons University Studio
Fridays:	7:30 - 9:30 p.m.	Group class University Studio
Saturdays:	2:30 - 4:30 p.m.	Individual lessons Down-town studio

Fees.

Individual half-hour lessons—$5.00 a lesson.

(Students are required to enrol for a minimum of 5 lessons.)

Group classes—For singers, other than those taking individual lessons, $25.00 for series of 10 classes.

For students taking individual lessons—$10.00 for the series.

For auditors—$10.00 for the series.

SUMMER SCHOOL OF THE THEATRE

July 3rd to August 11th

The increasing recognition that is today being accorded the theatre in Canada, in schools and universities, in organized community and festival programmes, and in the gradual development of professional and semi-professional acting companies, brings with it increasing emphasis on high standards of performance. The theatre in Canada will only develop and flourish as it wins public support by the excellence of its work. Excellence in the theatre, as in any art, can only be achieved when to talent and enthusiasm are added study, perseverance and experience. To the many actors, directors and scene technicians who are seeking training and experience the Summer School of the Theatre offers an opportunity for concentrated study under qualified instructors.

Staff

THEODORE VIEHMAN: M.A., Carnegie Institute of Technology. Taught and directed at C. I. T., University of California, Hart House, University of Iowa, University of Michigan. Directed plays for Jean Arthur, Blanche Yurka and others in New York. Directed at Cain Park Theatre, Cleveland; at Globe

Theatre, Century of Progress, Chicago; for Federal Theatre, W. P. A.; for Pittsburgh Playhouse, Pasadena Community Playhouse, and for several professional summer stock companies. At present director of The Little Theatre of Tulsa, Mr. Viehman returns, after a lapse of two years, for his fourth season as guest director of the Summer School of the Theatre.

DOROTHY SOMERSET: A.B., Radcliffe. Assistant professor of dramatics, director of the Summer School of the Theatre, in charge of dramatics for the Department of University Extension.

SYDNEY RISK: M.A., Cornell. Formerly dramatics supervisor in the Department of Fine Arts, University of Alberta. Founder and director of the Everyman Theatre.

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

JOY COGHILL: B.A., British Columbia; M.F.A., Art Institute, Chicago. Miss Coghill, in addition to being a teacher of speech, is both actress and director. She has acted and directed for the Players' Club of the University of British Columbia, the Vancouver Little Theatre, Goodman Memorial Theatre and the International Players of Kingston. During the past season she has taught at the University of British Columbia and directed for the Everyman Theatre.

Courses

Theatre Practice: Acting I and Speech I.

(English 421).

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

Acting I.

Principles of acting, the body as an instrument of expression, mime, preparation of the role.

Speech I.

Breath control, tone quality, clarity and projection, vocal interpretation of the spoken line.

Students having the recognized equivalent of Acting I or Speech I may apply to the director of the school for permission to take Acting II or Speech II.

Ten hours class work a week and rehearsals — Auditorium, Hut M9 and Gymnasium.

Miss Somerset and Miss Coghill.

Acting II.

Advanced acting class. Students will be asked to prepare scenes for class presentation and criticism.

Prerequisite: Acting I or its equivalent.

Five hours classwork a week and rehearsals—Brock North.

Miss Somerset.

Speech II.

Advanced training stressing efficient and expressive speech. Students will be asked to prepare selections for individual discussion and criticism.

Prerequisite: Speech I or its equivalent.

Five hours a week—Hut M9.

Miss Coghill.

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 for criticism in class.

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

Seven and a half hours a week. (Rehearsal periods in addition)—Brock North.

Mr. Viehman.

Stagecrafts.

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

Seven and a half hours a week—Scene Shop.

Mr. Risk and Mrs. Richardson.

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 or in scenes from plays presented in workshop manner.

Dramatics for Children.

Special seminars will be arranged for those interested in this very specialized field of dramatics.

A final examination will be required for those seeking credits.

TIME TABLE

(Subject to Change)

8:30- 9:20 Speech I (A)	8:30- 9:50 Stagecrafts (B)	9:30-10:20 Speech II
9:30-10:20 Acting I (A)	10:30-11:50 Stagecrafts (A)	11:00-12:20 Directing
10:30-11:20 Acting I (B)		
11:30-12:20 Speech I (B)		1:30- 2:20 Acting II

2:30- 5:30 Rehearsals (Evening rehearsals called as necessary.)

Opening Meeting of the school will be held on Tuesday, July 3rd, 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

ARTS AND HANDICRAFTS

Art is based on the instinctive desire for self-expression which exists in all people. For those seeking a form of self-expression close to their daily lives the visual arts and handicrafts provide a rich source of satisfaction. Making use of the University's well-equipped workshops, and in cooperation with the University Fine Arts Committee, the Department of University Extension is pleased to be able to offer the courses listed below:

Painting For Pleasure—July 3rd-August 2nd.

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. Class will be limited to twenty students. If registration warrants a second section will be formed.

Artist-Instructor.

MR. CLIFF ROBINSON: A member of the Canadian Society of Painter-Etchers and Engravers and of the Canadian Society of Graphic Arts. He has exhibited oil-paintings, water-colours and woodcuts in major Canadian and American cities, including the Canadian National Gallery and the National Gallery in New York. Mr. Robinson has taught both at the Vancouver School of Art and at the University of British Columbia. Last year he conducted a very successful series of short courses in art in communities throughout the province of British Columbia.

Classes: Tuesday and Thursday: 4:00-7:00 p.m. Hut L 3.

Fees: $10.00.

Design and Composition in Painting—July 4th-August 6th.

Details of this course will be supplied upon application.

Advanced Demonstration Pottery Workshop—July 9th-July 20th.

This workshop is being offered as a special feature of the 1951 summer session. Organized by the Department of University Extension at the suggestion of a group of potters, it should be of interest and value to all potters whether beginners or more advanced students. The course will consist of a series of demonstration workshop classes in ceramic design, and in ceramic chemistry which is fundamental to designing in clay. To conduct the course the Department has invited one of the leading ceramic artists in the United States, Mrs. Edith Heath, to come to Vancouver. Mrs. Heath will give her demonstrations in the evenings, and the University Art Centre will be open during most of the day-time to permit students to execute problems growing out of the evening demonstrations.

Should there be sufficient demand the Department will be glad to try and arrange with Mrs. Heath for a morning class in addition to the evening class.

Artist-Instructor.

MRS. EDITH HEATH, who conducts her own studio-factory in California—"Heath Ceramics"—studied at the Chicago Art Institute, Chicago Teachers' College, and the California School of Fine Arts. Her work has been exhibited in all the leading American museums and was seen two years ago in Vancouver, in the San Francisco Potters' Exhibition shown at the University Art Gallery. A representative group of her works is in the permanent collection of the Museum of Modern Art, New York. The products of her studio-factory are exhibited and sold in all the leading art stores of the United States. Mrs. Heath's most recent awards include the Jalonavich Award for Excellence in Ceramic Design and First Prize in the San Francisco Arts Festival.

Classes: Monday through Friday, 7:30-10:00 p.m. Art Centre.

Fees: $20.00.

Students wishing to execute problems in the Art Centre during the day-time will be asked to pay a laboratory fee for materials used.

Elementary Pottery—July 4th-August 6th.

A practical course for beginners. Students will obtain individual experience in hand-built methods of making pottery, and in modelling ceramic figurines. Demonstrations will be given of throwing on the potter's wheel.

Artist-Instructor.

MISS MOLLIE CARTER: Artist and teacher. Studied with Edith Heath. Instructor, University of British Columbia Fine Arts Centre. Represented in the Canadian Collection, Syracuse Museum.

Classes: Monday and Wednesday, 1:00-4:00 p.m. Art Centre.

Fees: $10.00.

Laboratory fee: $3.50. Depending upon the size and number of articles finished students may be required to pay an additional laboratory fee not to exceed a total of $5.00.

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

Weaving—July 9th-July 27th.

A three-week course planned for both beginners and advanced weavers. Instruction will be given in the making of warps and in dressing and operating various types of looms. The course will include weaving "as drawn in", the Summer and Winter weave, Leno, linen-weaves, Bronson-weaves, four-harness and eight harness twills, pick-up weaves, blanket weaves, tweeds and rugs. There will be classes in draft-writing and daily talks on some special weave or problem.

Instructor.

MRS. MARY MEIGS ATWATER: Weaver, author and teacher. Founder of the Shuttle-Craft Guild. Her research includes the study of Colonial and native American weaves, as well as Guatemalan, Indian, Mexican and Peruvian.

Classes: Monday to Friday, 9:00 a.m.-4:00 p.m. Youth Training Centre, 2811 Acadia Road.

Fees: $25.00

Students must either provide an approved four-harness loom or pay a loom rental fee of $5.00.

A laboratory fee will be levied to cover costs of materials used.

CITY OF