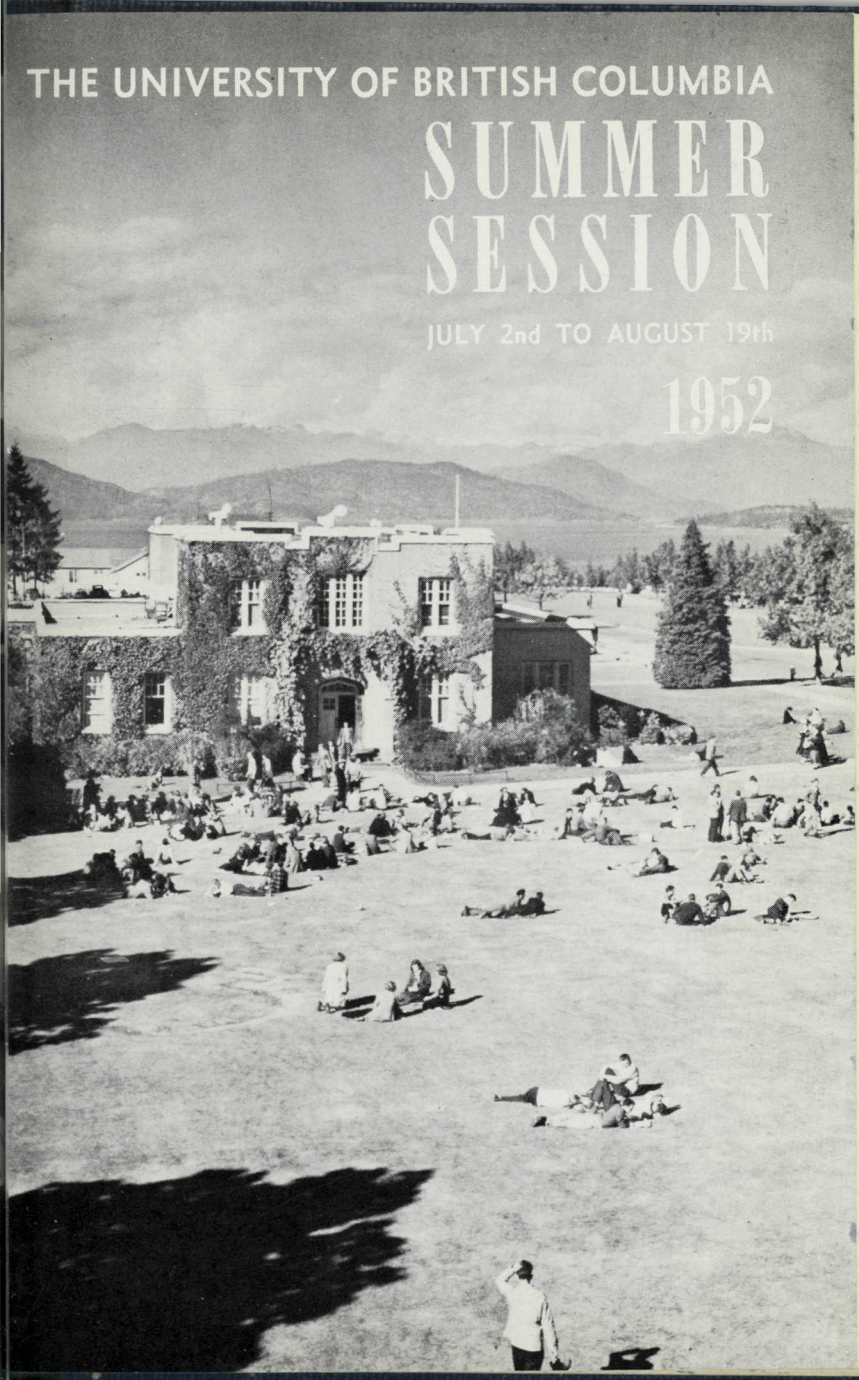
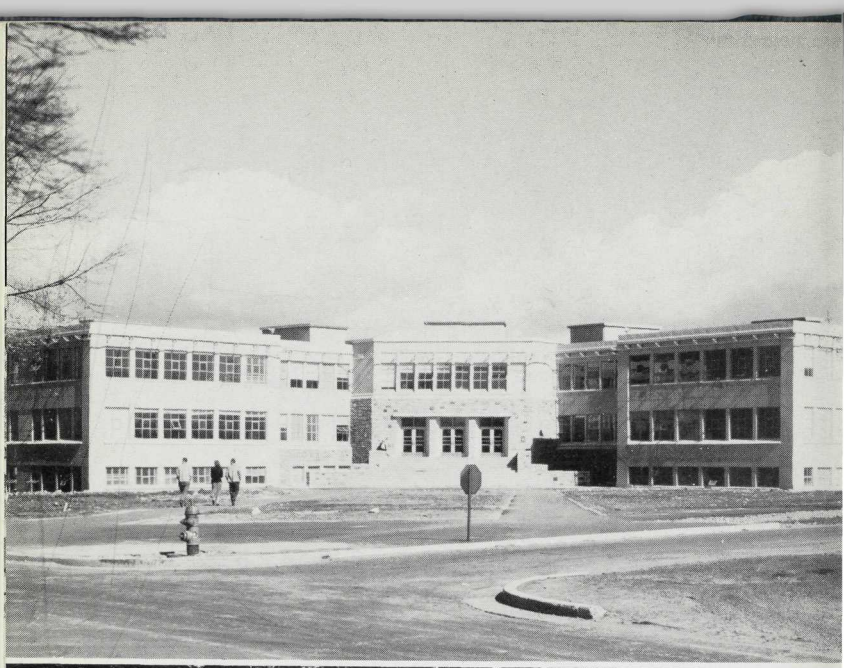
THE UNIVERSITY OF BRITISH COLUMBIA

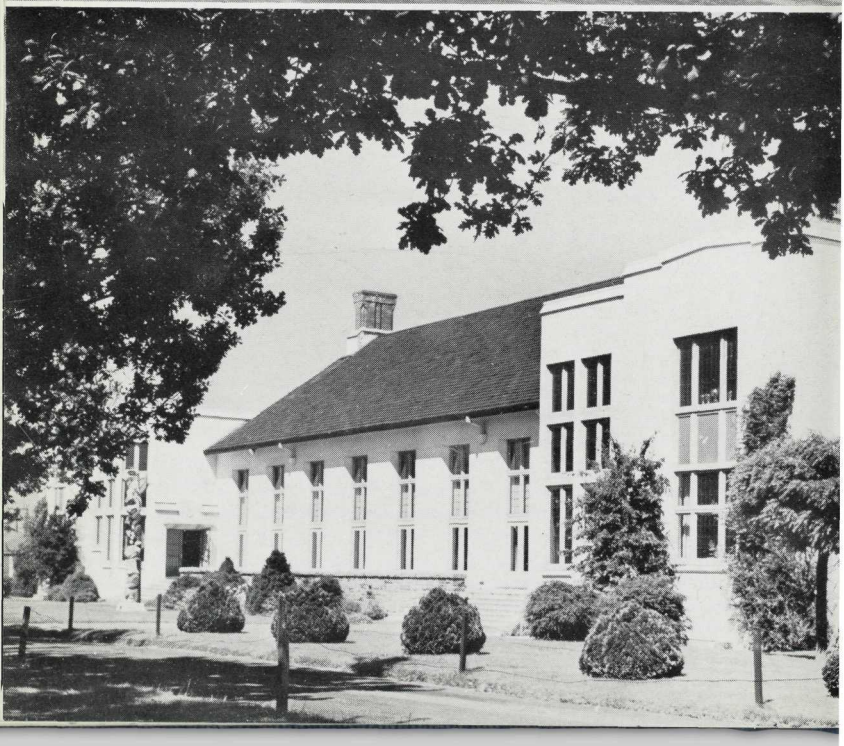
# SUMMER SESSION

JULY 2nd TO AUGUST 19th

1952







PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

# Announcement of The Summer Session

SUPPLEMENT TO CALENDAR 1951-1952

*Thirty-third Session:* JULY 2nd TO AUGUST 19th, 1952

The University of British Columbia

VANCOUVER, CANADA

VOL. 37, GENERAL SERIES No. 3

# The University of British Columbia

## SUMMER SESSION, 1952

### DATES

| | | |
|---|---|---|
| **JULY** | | |
| 2nd | Wednesday | *Last day for registration of all students. Lectures begin at 8:00 a.m. |
| 3rd | Thursday | Summer Session Supplemental Examinations. |
| 4th | Friday | General meeting of students. |
| 7th | Monday | Last day for changes in students' courses. Last day for payment of fees. |
| **AUGUST** | | |
| 5th | Tuesday | General meeting of students. |
| 15th | Friday | Last day of lectures. |
| 18th<br>19th | Monday<br>Tuesday | Final Examinations. |

*The last day for registration is July 2nd—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 31.

## TIME TABLE OF LECTURES

### Monday to Friday Inclusive

8:00-9:55 a.m.

| *Course* | *Room* | *Course* | *Room* |
|---|---|---|---|
| Anthropology 200 | A 206 | Geography 406 | FG 101 |
| Chemistry 100/1 | C 200 | German 200 | A 102 |
| Chemistry 200 | C 300 | History 426 | A 101 |
| Chemistry 300 | C 210 | Mathematics 202 | P 301 |
| Commerce 151 | HG 10 | Physical Education 211 | WG |
| Commerce 371 | A 208 | July 2-25 | |
| Economics 200 | A 204 | Physical Education 341 | WG |
| Education 512 | E 200 | July 28-Aug. 19 | |
| Education 521 | E 308 | Physics 100/1 | P 201 |
| English 100/1 | A 103 | Political Science 300 | A 106 |
| English 200 | E 201 | Psychology 300 | HM 2 |
| English 430 | A 104 | Spanish 90 | A 108 |
| French 300 | A 105 | | |

10:10 a.m. - 12:05 p.m.

| *Course* | *Room* | *Course* | *Room* |
|---|---|---|---|
| Bacteriology 100 | W 100 | German 100 | A 207 |
| Classics | | History 312 | A 204 |
| Latin 331 and | A 208 | Mathematics 306 | P 301 |
| Greek 331 | | Philosophy 302 | HM 1 |
| Education 509 | | Physical Education 218 | WG |
| Science | A 102 | 11:10 - 12:05 p.m. | |
| Education 529 | E 308 | July 28 - Aug. 19 | |
| Education 530 | A 106 | Physical Education 361 | WG |
| Economics 325 | A 103 | July 2 - 25 | |
| English 421 See footnote | | Physical Education 430 | WG |
| English 433 | A 206 | 10:10 - 11:05 a.m. | |
| French 101 | A 104 | July 28 - Aug. 19 | |
| French 202 | A 105 | Psychology 403 | HM 2 |
| Geography 101 | FG 101 | Slavonic Studies 340 | A 108 |

1:15 - 3:15 p.m.

| *Course* | *Room* | *Course* | *Room* |
|---|---|---|---|
| Biology 100 | B 100 | Physical Education 216 | WG |
| Biology 304 | B 126 | 1:15 - 2:10 p.m. | |
| Education 509 | | July 28 - Aug. 19 | |
| Soc. Stud. (1:15) | E 308 | Physical Education 301 | WG |
| English (2:15) | E 308 | July 28 - Aug. 19 | |
| Education 581 (1:15) | A 102 | Physical Education 318 | WG |
| Education 582 (2:15) | A 102 | 2:30 - 3:15 p.m. | |
| Geography 303 | FG 101 | July 28 - Aug. 19 | |
| History 314 | A 206 | Physical Education 406 | WG |
| Mathematics 101 | E 202 | July 2-25 | |
| Music 300 | HM 1 | Psychology 100 | E 200 |
| Philosophy 205 | HM 2 | Sociology 200 | A 106 |
| | | Zoology 200 | P 201 |

English 421 — Opening meeting 10:10 a.m., Wednesday, July 2nd, Auditorium.

### ABBREVIATIONS

A.—Arts Building
B.—Biological Sciences Building
C.—Chemistry Building.
E.—Engineering Building
FG.—Forestry and Geology Building
H.G.—Hut near Old Gym.
HM.—Hut near Armouries on West Mall
P.—Physics Building
W.—Wesbrook Building
WG.—Women's Gym (Old Gym)

## OFFICERS AND STAFF

NORMAN A. M. MacKENZIE, C.M.G., M.M. AND BAR, Q.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.

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NEAL R. HARLOW, Ed.B., M.A., Librarian.

WILLIAM WHITE, Accountant.

### Director of Summer Session

J. R. McINTOSH, B.A., M.Ed., Ph.D., Office in Hut A 2.

### Anthropology

JEAN-CHARLES FALARDEAU, Ph.D., Chairman, Department of Sociology, Laval University, Quebec.

### Bacteriology and Immunology

J. J. STOCK, B.S.A., M.Sc., Ph.D., Assistant Professor.

### Biology and Botany

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

EWALD S. GORANSON, M.A., Ph.D., Associate Professor.

### Chemistry

W. A. BRYCE, M.A., Ph.D., D.Phil., Assistant Professor.

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### Commerce

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D. B. FIELDS, B.Com., C.A., Assistant Professor.

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J. G. KIRK, B.A., M.A., Lecturer.

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

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HUNTER C. LEWIS, M.A., Professor.
MISS D. SOMERSET, A.B., Assistant Professor.
M. W. STEINBERG, M.A., Assistant Professor.
T. A. W. DUNCAN, M.A., Assistant Professor, Dept. of English, University of Manitoba, Winnipeg.

## French

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LOUIS LE GALL, L. ès L., L. en Dr., Assistant Professor.
R. R. JEFFELS, B.A., Instructor.

## Geology and Geography

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THEODORE HERMAN, A.B., M.A., Department of Geography, University of Washington, Seattle, Washington.
J. D. CHAPMAN, M.A., Assistant Professor of Geography.

## German

MISS JOYCE HALLAMORE, M.A., Ph.D., Professor and Chairman of the Department.
DR. T. GEISSENDOERFER, Department of German, University of Illinois, Urbana, Ill.

## History

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F. H. UNDERHILL, M.A., Professor, Department of History, University of Toronto.
A. C. COOKE, B.A., M.A., Professor.

## Mathematics

H. S. M. COXETER, B.A., Ph.D., F.R.S., F.R.S.C., Professor, Department of Mathematics, University of Toronto.
DOUGLAS DERRY, B.A., Dr.Phil., Associate Professor.
BENJAMIN N. MOYLS, M.A., Ph.D., Assistant Professor.

## Music

HARRY ADASKIN, Professor of Music.

## Philosophy and Psychology

BARNETT SAVERY, A.B., A.M., Ph.D., Professor and Chairman of the Department.
ALEXANDER P. MASLOW, A.B., A.M., Ph.D., Associate Professor.
E. S. W. BELYEA, M.A., Associate Professor.
W. H. GADDES, M.A., Assistant Professor, Victoria College, Victoria, B. C.
DOUGLAS KENNY, B.A., M.A., Lecturer.

## Physical Education

MISS MARIAN HENDERSON, B.A., A.M., Associate Professor and Director of Physical Education, Women.

MISS HELEN BRYANS, B.A., A.M., Associate Professor of Physical and Health Education, Ontario College of Education, Toronto.

MRS. ROBERTA CHARLESWORTH, B.A., Head of Department of Physical Education, Humberside Collegiate Institute, Toronto.

MISS MARJORIE MILLER, A.B., Instructor.

H. DOUGLAS WHITTLE, B.P.H.E., M.S., Assistant Professor.

A. B. LAITHWAITE, Dip. in Phys. Ed., Assistant Professor.

## Physics

C. A. BARNES, B.A., M.A., Ph.D., Instructor.

## Slavonic Studies

A. H. KUIPERS, B.A., M.A., Ph.D., Assistant Professor.

## Spanish

J. A. McDONALD, M.A., Assistant Professor.

## Zoology

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

# Admission, Registration and Attendance

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

**Registration Procedure.**

The initial steps may be completed by mail. The procedure is as follows:

A. Students registering in the University for the first time:
Obtain from Registrar's Office an "*Application for Admission.*"
Return this, duly completed, together with ALL University Entrance Certificates and any higher certificates you may possess.

B. Students who have previously registered in the University:
Apply either by letter or by the "*Application for Re-Registration*" which was enclosed with previous statement of marks, stating Session last attended.

If eligible for the course desired a registration booklet will be sent to you. This should be completed and returned to the Registrar's Office.

To complete registration:

(i) Pay fees in full at the Cashier's wicket, Accountant's Office, not later than Monday, July 7th.

(ii) Present receipt for fees to Registrar's Office, verify course and local address, and receive Identification Card. REGISTRATION IS NOT COMPLETE UNTIL YOU HAVE THIS CARD.

Last day for registration by mail—June 25th.

Fees should NOT be sent by mail but be paid in person at the Accountant's Office.

Candidates are strongly urged to register in advance as it is essential that they attend lectures on the opening day.

No change of course other than withdrawal will be permitted after July 7th.

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

The University offices will be closed all day each Saturday during June, July and August.

## FEES

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

All fees are due and payable on the opening day of lectures. Last day for payment of fees, Monday, July 7th.

A fee of $2.00 for "Late Registration" will be charged all students registering after July 2nd.

The minimum class fee is $22.50.

### Scale of Fees

| | |
|---|---|
| Course Fees, Per Unit | 15.00 |
| Summer Session Association Fee | 2.00 |

NOTES.—No refund will be made for fees after July 12th. In the computation of refunds prior to this date an amount equal to one-fifth of the course fees will be charged. Application for a refund must be made to the Accountant within seven days after the student has discontinued his work.

The maximum course fee for a course leading to a Master's degree is $225.00. Candidates who take more than one session to complete the course required for the Master's degree may pay at the rate of $15.00 per unit for courses taken until the maximum of $225.00 has been reached.

Graduate students required to make up prerequisites to the Master's course are subject to course fees at the rate of $15.00 per unit for such prerequisite courses in addition to the full fee of $225.00 for the Master's course.

Graduate students who are not candidates for a higher degree are subject to course fees at the rate of $15.00 per unit for courses taken.

### For Auditors

| | |
|---|---|
| For each 3-unit course | 22.50 |
| 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.

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# Scholarships, Bursaries, Loan Fund

(Open only to students taking regular academic courses. For bursaries in the Summer School of the Theatre see page 27.

## University Summer Session Bursaries

Twenty bursaries of $50 each are available in the Summer Session, 1952, 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. In order that all candidates may be considered, students in the categories covered by this award are asked to submit their names to the Dean of Administrative and Inter-Faculty Affairs before the last day of Summer School.

## 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. In order that all candidates may be considered, students in the categories covered by this award are asked to submit their names to the Dean of Administrative and Inter-Faculty Affairs before the last day of Summer School.

## 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. In order that all candidates may be considered, students in the categories covered by this award are asked to submit their names to the Dean of Administrative and Inter-Faculty Affairs before the last day of Summer School.

## 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

1952 OFFICERS

President ..... D. Moir

Secretary ..... L. Peterson

Treasurer ..... D. Spragge

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.

### RECREATIONAL PROGRAMME

Instruction in:

Square Dancing
Tennis Skills
Golf Skills
Archery Skills
Badminton Skills

Tournaments in:

Golf — Badminton — Tennis

### PICNICS—PLANNED TOURS

—Regular staff members of the U.B.C. School of Physical Education in charge of instruction.

—Bulletin of Programme will be available on opening day of Lectures.

## 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 28th and July 4th, inclusive. If presented to the Ticket Agent not later than August 22nd, 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 five o'clock.

## UNIVERSITY HEALTH SERVICE

**Wesbrook Building**

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.

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, or the new Women's Residences. Further information and application forms may be obtained from the office of the Housing Administrator.

# Courses of Study

## ANTHROPOLOGY

**200. Introduction to Anthropology.**

A comparative study of cultural institutions in the primitive world; of social grouping; of economic and political life, language, art, religion; brief considerations of the origins of man and culture, of the races of mankind and the meaning of race.

This course is the introductory and prerequisite course in this field.

Text-books: Hoebel, *Man in the Primitive World;* Kroeber, *Anthropology.*

*Ten hours lectures a week*—3 units.

Mr. Falardeau.

## 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.

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

Mr. Stock.

## 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. Dickson.

**304. Basic Physiology.**

Elementary human physiology. Course for Home Economics, Nursing, Physical Education, Honours Psychology students, and students taking a Biology major and proceeding toward Teacher Training.

Prerequisites: Biology 100, Chemistry 100 or 101.

Text-book: Best and Taylor, *The Living Body.*

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

Mr. Goranson.

## 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. Bryce.

**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. Daggett.

**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. Hayward.

## CLASSICS

**Latin 331. Roman History.**

Growth of Rome and development of its political institutions during the Republic; social and economic history of the Empire; transition from classical to mediaeval world.

**Greek 331. Greek History.**

Background and rise of Greek civilization; special emphasis on political, economic and cultural life of fifth and fourth centuries.

In both courses a study will be made, in lecture and discussion, of the more direct contributions of Greece and Rome to the western world, in particular of the rise of democratic government and the development of political theory, the problems of imperial administration, the search for international peace.

Text-book: Trever, *History of Ancient Civilization,* Volumes I and II.

This composite course counts for 3 units of credit in History.

*Ten hours lectures a week*—3 units.

Mr. McGregor.

## COMMERCE

**151. 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 151 are strongly advised not to attempt any additional course.

**371. 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 151 and Economics 200.

*Ten hours lectures a week*—3 units.

Mr. Wong.

NOTE: These courses count 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, Neil and Watson, *Modern Economics.*

*Ten hours lectures a week*—3 units.

Mr. Crumb.

**325. Labour Economics and Labour Problems.**

Labour problems arising out of the factory system and large-scale enterprise; insecurity, unemployment and discrimination; working conditions, hours and wages. History, structure and functions of trade unions; employers' policies and associations; collective bargaining and industrial conflict; labour legislation and political action.

Text-book: Reynolds, *Labour Economics and Labour Relations.* Reference: Bakke and Kerr, *Union Management and the Public.*

*Ten hours lectures a week*—3 units.

Mr. Jamieson.

## EDUCATION

**509. High School Methods.**

To be given in three sections, English, Social Studies and Science, 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. Kirk.

**512. Administration of the Secondary School.**

Programme of studies; administrative staff; guidance programme; co-curricular activities; construction of time table.

Text-book: Koos and others, *Administering the Secondary School.*

*Five hours lectures a week*—1½ units.

Mr. Taylor.

**521. 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. Stabler.

**529. 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-books: The Forty-ninth Yearbook of *The National Society for the Study of Education—Part I, Learning and Instruction;* Redl and Wattenberg, *Mental Hygiene and Teaching.*

*Ten hours lectures a week*—3 units.

Dean Laycock.

**530. Psychology of Learning.**

Advanced course for students in Education and Psychology. Theories of learning; differential psychology.

Prerequisite: Education 501 or 529, or equivalent.

*Ten hours lectures a week*—3 units.

Lecturer: To be announced.

**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. Jackson.

**582. Educational Statistics.**

Frequency distribution; measures of central tendency; measures of variability; normal probability curve and its applications; sampling; reliability; correlation, its meaning and application; partial and multiple correlation.

*Five hours lectures a week*—1½ units.

Mr. Jackson.

**NOTE: Psychology 403 (see page 21), is the equivalent of Education 536 and 537.**

## 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. Steinberg.

**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.

**430. The Romantic Period.**

Studies in Romantic Poetry from Wordsworth to Keats.

Text: Campbell, Pyre, and Weaver, *English Poetry and Criticism of the Romantic Movement.*

*Ten hours lectures a week*—3 units.

Mr. Duncan.

**433. Contemporary Literature.**

Outstanding writers of the present generation; literary developments in the essay, poetry, and fiction.

Texts: Untermeyer, *Modern American Poetry and Modern British Poetry* and others to be announced.

*Tens hours lectures a week*—3 units.

Mr. Lewis.

## 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 intermédiaries* and Mesnard, *A Review of French Grammar.*

*Ten hours lectures a week*—3 units.

Mr. Jeffels.

**202. Second Year University French.**

Prerequisite: French 101 or equivalent.

Texts: *Contes divers de trois siècles* (Lapp); *Stories from Balzac* (Buffum). Composition in French based on the above, and on Mesnard, *A Review of French Grammar.*

*Ten hours lectures a week*—3 units.

Mr. Le Gall.

**300. Literature of the Seventeenth Century.**

History and social conditions; development of the literature.

Texts: *Corneille, le Cid;* Racine, *Andromaque; Molière, le Précieuses ridicules, le Tartuffe;* selected works of Malherbe, La Fontaine, Boileau and La Bruyère.

This course is obligatory for all students taking Honours or majoring in French. It is open to all students of the Third and Fourth Years.

*Ten hours lectures a week*—3 units.

Miss Dallas.

## GEOGRAPHY

**101. Elementary Physical Geography.**

The study of maps and map-reading, land forms, processes of weathering, erosion, diastrophism, materials of the earth's crust, elementary meteorology and world climates. Laboratory: practical exercises to illustrate the lecture and text material.

Text: Strahler, *Physical Geography.*

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

Mr. Dagenais.

**303. World Regional Geography.**

A survey of the physical and human geography of the continents to provide a background for the geographical interpretation of World Affairs. The physical structure, climate, vegetation and natural resources will be considered in addition to the nature and distribution of the population and the major economic activities. Emphasis will be placed upon source materials for teaching purposes and upon teaching methods.

An Atlas is required.

*Ten hours lectures a week*—3 units.

Mr. Chapman.

**406. Geography of Asia.**

Physical and human geography; topography, climate, resources, population distribution and industrial development. Special emphasis will be given to Pacific Asia, and the geographic background to current political problems.

Text-book: Cressey, *Asia's Lands and Peoples,* 1951.

*Ten hours lectures a week*—3 units.

Mr. Herman.

## GERMAN

**100. Intermediate Reading and Composition.**

Text-books: Kästner, *Die verschwundne Miniatur;* Kurtz, *Drei Novellen;* Russon, *Complete German Course.*

Prerequisite: University Entrance or German 90.

*Ten hours lectures a week*—3 units.

Miss Hallamore.

**200.**

Texts: Russon, *Complete German Course;* Werfel, *Jacobowsky und der Oberst;* Keller, *Kleider machen Leute;* Mann, *Tonio Kröger;* Bruns, *Book of German Lyrics.*

Prerequisite: German 100 or 101 or the equivalent.

*Ten hours lectures a week*—3 units.

Mr. Geissendoerfer.

## HISTORY

**312. History of the United States of America.**

This course begins with a sketch of the American colonies at the outbreak of the Revolution and the traces the history of the United States from the commencement of the War of Independence to the outbreak of the Second World War.

Text-book: Faulkner, *American Political and Social History*, or Craven and Johnson, *The United States.*

*Ten hours lectures a week*—3 units.

Mr. Holt.

**314. Europe from Westphalia to Waterloo, 1648-1815.**

A survey of the economic, political and cultural development of Europe in the 17th and 18th centuries.

Text-books: Ergang, *Europe from the Renaissance to Waterloo;* Brunn, *Europe in Evolution;* Gottschalk, *The Era of the French Revolution;* Stearns, *Pageant of Europe.*

Essays and reports will be assigned.

*Ten hours lectures a week*—3 units.

Mr. Cooke.

**426. Canada After 1867.**

A survey of the main features of political and economic development of Canada after 1867, with some consideration of foreign policy.

Text-books: Lower, *Colony to Nation;* Creighton, *Dominion of the North.*

*Ten hours lectures a week*—3 units.

Mr. Underhill.

## MATHEMATICS

**101. Algebra, Geometry, and Trigonometry.**

Logarithms, theory of quadratic equations, permutations, combinations, binomial theorem, determinants, straight line, circle, parabola, ellipse, and hyperbola; elementary trigonometry.

Text-book: Sisam, *College Mathematics.*

Prerequisite: Mathematics 91.

*Ten hours lectures a week*—3 units.

Mr. Moyls.

**202. Calculus.**

Introduction to differential and integral calculus, with applications.

Text-book: Smail, *Calculus.*

*Ten hours lectures a week*—3 units.

Mr. Derry.

**306. Topics in Algebra and Geometry.**

Number systems of elementary algebra, and axioms of elementary geometry.

Prerequisite: Mathematics 200.

*Ten hours lectures a week*—3 units.

Mr. Coxeter.

## MUSIC

**300. Music Appreciation.**

How to listen to music; analysis of structure and form.

The works to be studied, all of which will be performed by Harry Adaskin, violinist, and Frances Marr, pianist, are as follows:

| | |
|---|---|
| Schubert, | Sonata in A major. |
| Brahms, | Sonata in D minor. |
| Beethoven, | Sonata in A major, Opus 30, No. 1. |
| Ravel, | Sonata. |
| Bartok, | Sonata No. 1. |
| Rieti, | Serenata. |
| Piston, | Sonata (1939). |

*Ten hours lectures a week*—3 units.

Mr. Adaskin (and Frances Marr).

## PHILOSOPHY

**205. General History of Philosophy.**

Philosophy from the Greeks to the present.

Primarily for General course students. Students who have taken Philosophy 100 may not enrol for this course without permission of the instructor.

*Ten hours lectures a week*—3 units.

Mr. Maslow.

**302. Ethics.**

The development of ethical thought; a systematic discussion of some fundamental problems of ethics.

*Ten hours lectures a week*—3 units.

Mr. Savery.

## PHYSICAL EDUCATION

### Women

**211. Team Games.**

Fieldball, speedball, soccer, basketball, softball; fundamental skills and team tactics.

Text-books: Bryans and Charlesworth, *Skill in Games; Official Guide Books.*

*Three and one-half weeks, two hours per day,* 8 - 9.55, July 2 - 25—1 unit.

Mrs. Charlesworth.

NOTE: Bring gymnasium uniform to take part in activity class on July 2nd.

**301. Gymnastics.**

Intermediate fundamental exercises; apparatus and tumbling; theory to include the value of exercises and the anatomical functioning of movement.

Text-book: Thulin, *Gymnastic Handbook.*

*Three and one-half weeks, two hours per day,* 1.15 - 3.15, July 28 - Aug. 19—1 unit.

Miss Henderson.

NOTE: Bring gymnasium uniform to take part in activity class on July 28th.

**341. Dance.**

Intermediate modern dance, technique, introduction to group composition; intermediate folk dance, American, Scottish, European, character dances.

Text-book: *Dances from Near and Far,* Vol. II.

*Three and one-half weeks, two hours per day,* 8-9.55, July 28-Aug. 19—1 unit.

Miss Miller.

NOTE: Bring uniform to take part in activity class on July 28th.

### Men and Women

**361. Correctives.**

Posture, safety education, athletic injuries.

*Three and one-half weeks, two hours per day,* 10.10-12.05, July 2-25—1½ units.

Miss Bryans.

**406. Workshop in Physical Education.**

Curriculum Construction with emphasis on Unit and Lesson planning and teaching methods.

*Three and one-half weeks, two hours per day,* 1.15-3.15, July 2-25—1½ units.

Miss Henderson.

Mr. Whittle.

**430. Aquatics.**

Care of facilities, swimming pool, beach, camp water front: health and safety procedure in aquatics. Competitive swimming, coaching, training and conditioning. Conduct of swimming galas and pageants.

*Three and one-half weeks, one hour per day,* 10.10-11.05 July 28-Aug. 19—½ unit.

Mr. Whittle.

### Men

**218. Minor Games.**

Games of low organization; preliminary practices, group games, team games, relays, etc.; game form activities. Rules, teaching techniques, etc.

*Three and one-half weeks, one hour per day,* 11.10-12.05, July 28-Aug. 19—½ unit.

Mr. Laithwaite.

**216. Soccer.**

Basic skills, rules; emphasis on playing.

Text-books: *Football Association Handbook*; Hankinson and Chadder, *Soccer for School.*

*Three and one-half weeks, one hour per day,* 1.15-2.10, July 28-Aug. 19—½ unit.

Mr. Laithwaite.

**318. Grass Hockey and Cricket.**

Basic skills, rules; emphasis on playing.

*Three and one-half units, one hour per day,* 2.20-3.15, July 28-Aug. 19—½ unit.

Mr. Laithwaite.

## 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, which may be taken concurrently.

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

Mr. Barnes.

## POLITICAL SCIENCE

**300. Constitutional Government.**

The nature, origin, and aims of the State; the organization of government in the United Kingdom and in the United States of America.

Text-book: J. A. Corry, *Elements of Democratic Government*, Oxford University Press, 1951 (New Revised Edition).

*Ten hours lectures a week*—3 units.

Mr. Laing.

## PSYCHOLOGY

**100. Introductory Psychology.**

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

Text-book: Munn, *Psychology*.

*Ten hours lectures a week*—3 units.

Mr. Gaddes.

**300. Business and Industrial Psychology.**

The application of psychological principles to problems of business and industry. Organization of personnel department; scientific selection, training, and development of personnel; human relations.

*Ten hours lectures a week*—3 units.

Mr. Belyea.

**403. Mental Measurement and Psychological Tests.**

The principles underlying the psychological measuring instruments: intelligence tests, personality inventories, and questionnaires, with practice in administration and scoring. This course is the equivalent of Education 536 and 537.

Prerequisite: Mathematics 205, or equivalent.

*Ten hours lectures a week*—3 units.

Mr. Kenny.

## SLAVONIC STUDIES

**340. The Peoples of the Soviet Union.**

The Slav, Baltic, Iranian, Armenian, Uralic, Turkic, Mongol, Paleoasiatic and Caucasian peoples of the USSR; past and present geographical distribution; historical background; physical and cultural anthropology with especial emphasis on the non-Slav peoples; their influence on Russian race and culture; Imperial and Soviet policy towards national minorities; integration of national minorities into the Soviet state. Administrative and linguistic divisions; development of literary languages. Pre- and postrevolutionary oral and written literatures of the non-Slavic peoples; achievements of Soviet anthropology.

This course will be accepted for credit in Anthropology.

*Ten hours lectures a week*—3 units.

Mr. Kuipers.

## SOCIOLOGY

**200. Introduction to Sociology.**

The significance of geographic, biological, psychological, and cultural factors in the rise, growth and functioning of groups; the interrelations of fundamental principles and of the institutions of the local community; social problems.

Text-books: Eldridge, *Fundamentals of Sociology;* Cuber, *Sociology.*

Third and Fourth Year students taking this course will be required to do an essay and additional reading.

*Ten hours lectures a week*—3 units.

Mr. Topping.

## SPANISH

**90. Beginners' Spanish.**

Grammar, composition, translation, conversation.

Texts: Kasten and Neale-Silva, *Lecturas Escogidas;* Castellano and Jones, *Spanish Through Speech.*

*Ten hours lectures a week*—3 units.

Mr. McDonald.

## ZOOLOGY

**200. General Zoology.**

Structure, classification, life histories, and biology of animals.

This course is prerequisite to other courses in Zoology.

Text-book: Storer, *General Zoology.*

Prerequisite: Biology 100.

*Eight hours lectures and ten hours laboratory a week*—3 units.

Mr. Clemens.

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## SUMMER SESSION REGISTRATION 1951

| MEN | | WOMEN | | TOTAL |
|---|---|---|---|---|
| *Veteran* | *Non-Veteran* | *Veteran* | *Non-Veteran* | |
| 13 | 612 | — | 351 | 976 |
| | | | Auditors (not included in above) | 13 |

# Department of University Extension

## Summer Fine Arts Programme

The Department of University Extension, in co-operation 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.

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.

In order that students in the various fine arts courses, and from different parts of Canada, may have the opportunity of meeting each other, a special room is set aside for recreational and social purposes. There they may gather for informal discussion over a cup of coffee, or to exchange ideas with the distinguished artists, musicians and actors who will be invited each week to meet them.

### COURSES OFFERED

**Practical Study of Concert and Opera Literature.**

June 2nd-July 12th.

**Summer School of the Theatre.**

July 2nd-August 15th.

**Art.**

Creative Painting For Beginners. July 2nd-August 4th.

Design and Composition in Painting. July 7th-August 8th.

**Handicrafts.**

Batik—a technique for fabric decoration. July 8th-July 31st.

Elementary Pottery. July 2nd-August 4th.

Demonstration Ceramic Workshop. July 7th-July 25th.

Creative Weaving—Elementary Course. July 14th-July 25th.

Creative Weaving—Advanced Course. July 21st-August 15th.

**Creative Photography.**

July 3rd-August 5th.

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

## PRACTICAL STUDY OF CONCERT AND OPERA LITERATURE

June 2nd to July 12th

**Guest Director.**

The Department of Extension takes pleasure in announcing the return to the University, for the third successive summer, of Mr. Nicholas Goldschmidt. Mr. Goldschmidt, who is the musical director of the Opera School of the Royal Conservatory of Music and the conductor of the Canadian Broadcasting Corporation Opera Company, has in the past two years made a most valuable

contribution to the musical life of Vancouver. His inspired teaching of young singers, the rare musical quality of the recitals presented by his students, and last year his production over CBC of the opera, "The Bartered Bride", have greatly stimulated interest in fine singing and in the possibility of operatic performances originating in the West. A Lieder singer of note, before coming to Canada, Mr. Goldschmidt was director of the orchestra and chorus at the San Francisco Conservatory of Music and subsequently Associate in Music at Columbia University.

### Classes.

Classes will be practical, with emphasis placed on the singing and interpretation of German Lieder and operas from the standard repertoire. The work of the students will be presented in a final public recital, including solo and ensemble numbers, and the sixth week of the course will be devoted exclusively to preparation for this recital.

*Instruction will consist of individual lessons, bi-weekly group classes, and one special class each week in Lieder singing.*

*Individual lessons and Lieder class:* Students will be accepted 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, June 2nd, by appointment.
*Instruction begins on Tuesday, June 3rd.*

**Individual lessons**
— Monday through Friday
10:30 - 12:00 noon
University studio

**Group classes**
— Tuesday and Friday
7:45 - 10:00 p.m.
Downtown studio

**Lieder class**
— Wednesday
5:30 - 7:00 p.m.
Downtown studio

### Fees.

*Individual half-hour lessons*—$5.00 a lesson.
(Students are required to enrol for a minimum of 5 lessons.)

*Special Lieder classes*—$10.00 for series of 5 classes. For students taking individual lessons—$5.00 for the series.

*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 2nd to August 15th

The Canadian theatre has now reached a stage in its development when it is generally recognized by those who participate in it—whether in the growing professional theatre, in community drama, or in University and School drama programmes—that excellence of standards in acting and production is of paramount importance. Canadian audiences are becoming increasingly appreciative and critical, and are providing a stimulating challenge to all those concerned with the presentation of plays. Excellence in the theatre, as in any art, can only

be achieved when to talent and enthusiasm are added study, training, perseverance and experience. To the many actors, directors, scene technicians and teachers who are seeking training and experience, the Summer School of the Theatre offers an opportunity for concentrated study under qualified instructors.

## STAFF

The Department of University Extension is proud to announce that, for the first time since the inauguration of the Summer School of the Theatre in 1939, it has been able to appoint a teaching staff composed entirely of Canadian instructors. This is a testimony to the development of the Canadian theatre which the University is happy to acknowledge. Fully qualified and distinguished young directors will join the senior instructors who have in the past guided the work of the School.

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

SYDNEY RISK: M.A. (theatre), Cornell. Formerly head of Drama Department in the Department of Fine Arts, University of Alberta. Founder and director of the Everyman Theatre.

JESSIE RICHARDSON: B. C. Regional Director, Dominion Drama Festival, actress, formerly president of the Vancouver Little Theatre Association, and for many years instructor in costume design and making for the Summer School of the Theatre.

JOY COGHILL: M.F.A. Art Institute, Chicago. Teacher of speech; actress and director for the Players' Club of the University of British Columbia, the Vancouver Little Theatre Association, Goodman Memorial Theatre, International Players of Kingston, and the Everyman Theatre. Part time staff member, University of British Columbia.

JOHN THORNE: M.A. (theatre), Northwestern. Winner, annual directing award, Northwestern University. Actor and director for Northwestern, the Players' Club of the University of British Columbia, and during two seasons for the professional summer repertory company, Eagles' Mere Playhouse.

DONAL STUART WILSON: B. of Ed., British Columbia; M.F.A., Yale. Winner of the 1950 Canada Foundation Scholarship for graduate theatre study. Actor and director for the Players' Club and Summer School of the Theatre of the University of British Columbia, the Victoria Players' Guild, high school drama courses, and Yale Drama Department. 1951-1952, Assistant to Head Director, Yale Drama Department. Director, actor and stage-manager for two seasons in professional summer repertory companies in the eastern United States.

PHILIP KEATLY: B.A., British Columbia; Production Manager, Summer School of the Theatre, for the Department of University Extension.

## 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 scenes, 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.

Mr. Thorne.

## 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) consent of the instructor based on a student's previous experience in acting and in directing plays.

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

Mr. Wilson.

## 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.

*Ten 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.

## Personal Interviews and Seminars.

On the opening day of the School all students will have the opportunity of discussing their courses with the director and instructors.

Upon request special seminars will be arranged for those particularly interested in drama in the schools or in creative dramatics for children.

*A final examination* will be required for those seeking academic credits or the University Extension Department certificate.

**Bursaries.**

*The University of British Columbia offers four bursaries to the Summer School of the Theatre, equivalent to the fees for the complete course. These bursaries are offered to talented and recommended students who, for financial reasons, might not otherwise be able to attend the School.*

TIME TABLE
(Subject to Change)

| | | |
|---|---|---|
| 8:30- 9:20 Acting I(A) | 8:30-10:20 Stagecrafts (B) | 8:30- 9:20 Speech II |
| 9:30-10:20 Speech I(A) | 10:30-12:20 Stagecrafts (A) | 9:30-10:20 Acting II |
| 10:30-11:20 Acting I(B) | | 10:45-12:20 Directing |
| 11:30-12:20 Speech I(B) | | |

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

*Opening Meeting* of the school will be held on Wednesday, July 2nd, at 10:00 a.m., in the University Auditorium.

FEES

| | |
|---|---|
| Complete Course (*two or more subjects*) | $35.00 |
| Individual Subjects | 18.00 |
| Stagecrafts Laboratory Fee | 2.00 |
| English 421, for academic credit | 45.00 |

## 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 co-operation with the University Fine Arts Committee, the Department of University Extension is pleased to be able to offer the courses listed below:

**DESIGN AND COMPOSITION: July 7th - August 8th.**

This course is designed to give students a broad understanding of the basic problems of contemporary painting and a direction for them to follow in their own work. It will consist of theory, lectures and demonstration, and of ample opportunity for actual work by students in drawing, painting and sketching, with directed problems to be solved each week.

The course will be divided into two sections, each complete in itself but complementary to each other. Both sections will take into consideration the problems of techniques as well as imaginative and free exercises to develop personal expression. Attention will be given to still life, landscape and figure.

**Section A.**

This section of the course will be concerned primarily with the artist's initial approach to his subject. It will consist of out-door and in-door sketching parties. Consideration will be given to problems of drawing, atmosphere, texture, tone and composition, both for water-colour rendering and oil techniques.

**Section B.**

Section B, which is a studio course, will be devoted to a more formal consideration of the problems of drawing, line, mass, colour, composition and form, as well as to the theories and techniques of various contemporary colour media. Contemporary movements will also be discussed. Students taking Section A of the course as well as Section B will have the opportunity of developing the sketches made in Section A into more finished compositions.

**Artist-Instructor.**

MR. LEONARD BROOKS: distinguished Canadian painter, has travelled and painted extensively in Europe, Canada and the United States, and Mexico.

At present on the staff of the Art Institute in San Miguel de Allende, which is affiliated with the University of Guonojvata, Mexico, Mr. Brooks has taught and lectured at the Northern Vocational School and the Doon School of Fine Art in Toronto, and at Ohio University. During the war he was commissioned as a naval war artist. His paintings have been exhibited in many cities, including London, Barcelona, Boston, Los Angeles and Vancouver. He is permanently represented in the collections of the National Gallery in Ottawa, the Toronto Art Gallery, the Art Gallery of London, Ontario, and the Worcester Art Museum.

*Classes:* Monday through Friday, Hut L12.

Section A: 3:30 - 5:30 p.m.
Section B: 7:30 - 9:30 p.m.

Students taking both sections will be able to relax in between classes in the recreation hut or, if they wish, to obtain their evening meal in one of the cafeterias near the campus.

*Students will be responsible for providing all their own artist's materials.*

*Fees:*

Single section of course—$25.00.
Both sections combined—$35.00.

**CREATIVE PAINTING FOR BEGINNERS—July 2nd - August 4th.**

A series of ten picnic sketching parties for beginners and occasional painters, primarily intended to encourage powers of creative expression. Consideration will be given to problems of drawing, colour, composition, oil and water colour techniques. Students will bring their own picnic suppers and meet at pre-arranged rendezvous.

**Artist-Instructor: MR. CLIFF ROBINSON**

*Classes:* Monday and Wednesday, 4:00 - 7:00 p.m., Hut L3.

*Fees:* $10.00.

*Students will be responsible for providing all their own artist's materials.*

**BATIK—A technique for fabric decoration—July 8th - 31st.**

Batik is the art of decorating fabric by the use of wax and cold water dyes which has been practiced in Java from pre-historic days. A relatively new craft in Canada, it is a practical means of creating exciting decoration for home and personal use, such as draperies, luncheon sets, scarves, etc. It is an ideal craft for practical purposes and as a medium for purely personal expression.

**Artist-Instructor: MR. CLIFF ROBINSON**

*Classes:* Tuesday and Thursday, 8:00 - 10:00 p.m., Craft Hut, Youth Training Centre, University of British Columbia.

*Fees:* $10.00.

*Students will be asked to supply* their own textile materials, specifications of which will be given at the introductory meeting of the class. In addition, they will be asked to pay a laboratory fee of $1.00 to cover materials such as waxes, dyes and mordants.

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 Banff School of Fine Arts. He is in charge of all instruction in art and handicrafts for the Department of Extension of the University of

British Columbia. During the last two years he has conducted several successful series of short courses in art in various communities throughout the province of British Columbia.

**CERAMICS.**

Courses in ceramics offered by the Department of University Extension during the summer session will be conducted in two centres, one in the University Art Centre situated in the Library, the other in the new Acadia Ceramic Workshop. A specially constructed stone-ware kiln is a feature of the Acadia Workshop which includes also variable speed potter's wheels, kick wheels and well designed workshop space.

**DEMONSTRATION CERAMIC WORKSHOP—July 7th - 25th.**

The Department of University Extension is happy to announce that Mrs. Edith Heath is returning to the University to conduct this course inaugurated in the summer session of 1951. It proved to be so stimulating and popular that it is being repeated by request. It will provide both the essential ground work for beginners and a continuation of the experimental work begun by students last year. 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. Mrs. Heath will give her demonstrations in the evenings, and the Acadia Ceramic Workshop 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 three 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., Acadia Ceramic Workshop, University of British Columbia.

*Fees:* $20.00.

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

**ELEMENTARY POTTERY—July 2nd - August 4th.**

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 HILDA K. ROSS: Artist and teacher. Designer for the Cottage Pottery, Pennsylvania. Teacher of elementary and advanced pottery and design at University of British Columbia Art Centre and at Gordon Neighbourhood House.

*Classes:* Monday and Wednesday: 1:00 - 4:00 p.m., University 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.

**CREATIVE WEAVING—ELEMENTARY COURSE, July 14th - 25th.**

This course is for beginners and those who have only a slight knowledge of weaving. Instruction will be given in the making of warps and in dressing and operating various types of looms. Work on the loom will include some of the basic standard weaves.

**Artist-Instructor.**

MRS. HELEN ELLIS—well known B. C. weaver and former pupil of Mrs. Atwater, whom she has assisted in summer courses at the University of British Columbia. She is the former chairman of the weaving section of the handicraft committee of the Canadian Federation of Artists, B. C. Region.

*Classes:* Monday through Friday, 9:00 a.m. to 4:00 p.m., Youth Training Handicrafts Centre, University of British Columbia.

*Fees:* $20.00.

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.

**CREATIVE WEAVING—ADVANCED COURSE, July 21st - August 15th.**

In this course the instructor will stress the creative needs of the weaver in the choice and use of colour, design and texture. Emphasis will be given to new materials and "old" materials. Students will not necessarily be held by tradition but will be encouraged to enjoy freshness in a new approach. The aim of the course will be to develop weavers who combine the qualifications of colorist, designer, technician and researcher, and who will be interested in the current movements and events influencing the medium in which they work.

**Artist-Instructor.**

MR. HAL PAINTER: Owner of a progressive textile studio in San Francisco and one of the eminent young creative weavers from the Bay area.

*Classes:* Monday through Friday, 9:00 a.m. - 4:00 p.m., Youth Training Handicrafts Centre, University of British Columbia.

*Fees:* $30.00.

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.

*Combined Creative Weaving Courses.*

Students wishing to take both the Elementary and the Advanced courses may do so. Fee for the combined courses will be $40.00.

**CREATIVE PHOTOGRAPHY—July 3rd - August 5th.**

A short course designed for those interested in Photography as a "creative art". There will be discussions and practical work on the selection of subject, pictorial composition, artistic effects and photo-techniques. Guidance will be given on the selection of film and on the control of developing and printing processes.

Students will be expected to provide their own cameras and equipment, as well as certain of their materials. Specifications of materials will be given by the instructor.

**Artist-Instructor.**

MRS. REVA BROOKS: studied photography at the Art Institute of the University of Guonojvata in Mexico. Her work has been praised by the great Mexican artist, Sequeiros, and by the outstanding American artist-photographer, Edward Weston. Among other places she has exhibited at Dartmouth and at Santa Barbara, and her work has been accepted in the permanent collection of the Museum of Modern Art in New York.

*Classes:* Tuesday and Thursday, 6:00 - 9:00 p.m., class room to be assigned.

*Fees:* $10.00.

For students not possessing their own facilities for processing and printing, and wishing to have this work done in the Extension Department photographic laboratory, a laboratory fee, depending upon the amount of work done—but not in excess of $5.00—will be charged.

**ACCOMMODATION—**

For information concerning accommodation for students taking Fine Arts courses offered by the Department of University Extension see page 11.

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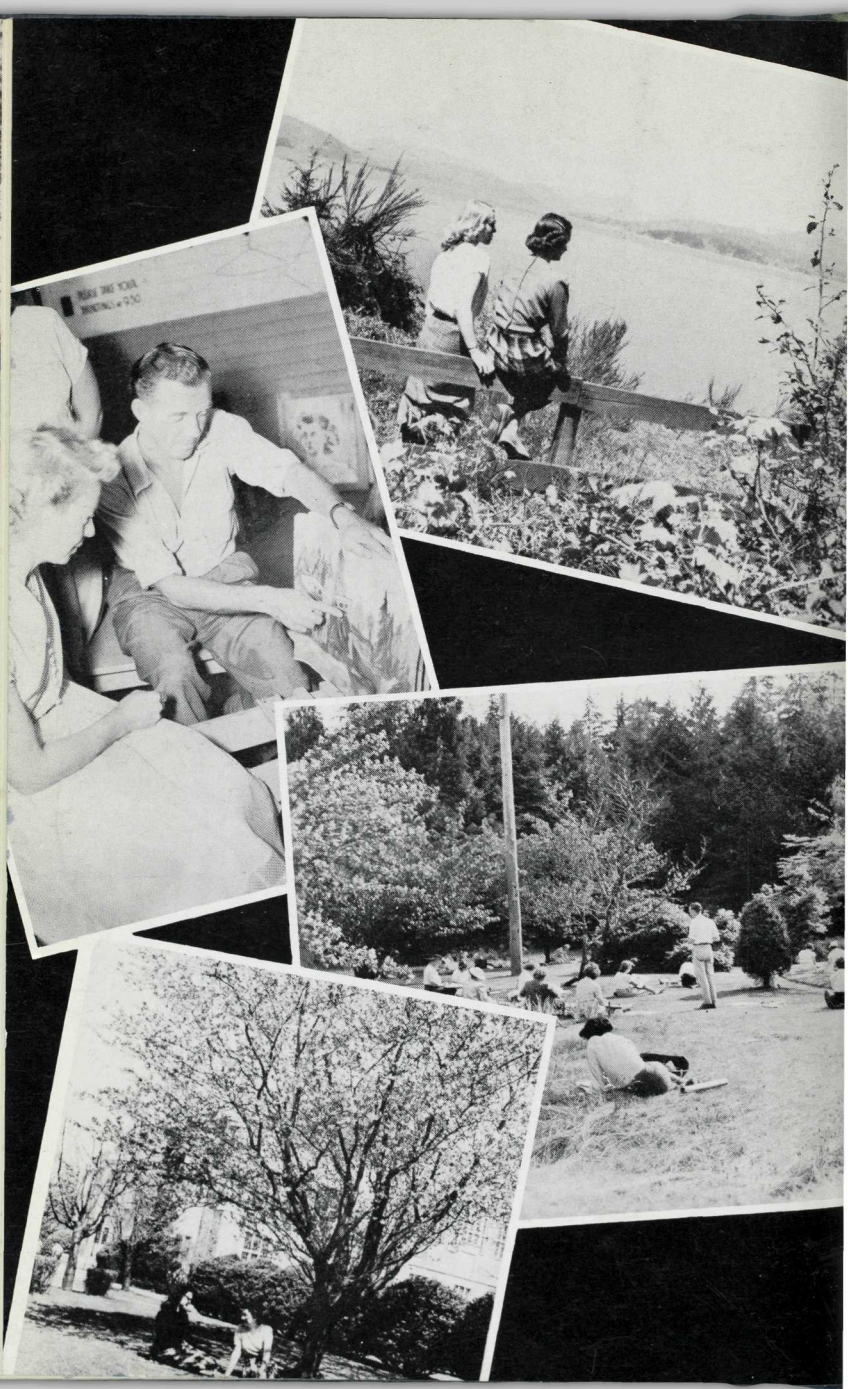
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