PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

# The University of British Columbia

# *Announcement of The Summer Session*

SUPPLEMENT TO
CALENDAR 1949-50

*Thirty-first Session*
JULY 4th TO AUGUST 18th, 1950

VANCOUVER, BRITISH COLUMBIA

VOL. 35 GENERAL SERIES No. 3

# The University of British Columbia

## SUMMER SESSION, 1950

### DATES

| | | |
|---|---|---|
| **July** | | |
| 4th | Tuesday - - - - | *Last day for registration of all students. Lectures begin at 8.00 a.m. |
| 5th | Wednesday - - - | Summer Session Supplemental Examinations. |
| 6th | Thursday - - - - | General meeting of students. |
| 10th | Monday - - - - | Last day for changes in students' courses. Last day for payment of fees. |
| **August** | | |
| 3rd | Thursday - - - - | General meeting of students. |
| 16th | Wednesday - - - | Last day of lectures. |
| 17th | Thursday - - - - | Final Examinations. |
| 18th | Friday - - - - | |

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

### NOTE

Courses carrying credit for university degrees are described on pages 12 to 24. Non-credit courses offered by the Department of University Extension are described on pages 26 to 33.

### Bach Bi-Centennial Commemoration

As part of its summer fine arts programme the Department of University Extension is presenting Harry Adaskin, violinist, and Frances Marr, pianist, in a series of concerts which will commemorate the death of Johann Sebastian Bach on July 28th, 1750. There will be five concerts, between July 24th and July 28th, in which the artists will perform Bach's Sonatas for Violin and Piano, his Sonatas for Violin Alone, and the three Concertos for Violin with piano accompaniment.

## TIME TABLE OF LECTURES

**Monday to Friday Inclusive**

| *Course* | *Room* |
|---|---|
| 8:00-9:55 a.m. | |
| Chemistry 100 | Ch 210 |
| Chemistry 200 | Ch 200 |
| Chemistry 300 | Ch 300 |
| Classics (Hist.) 331 | A 207 |
| Economics 200 | HB 2 |
| Education 512 (8:00) | A 203 |
| Education 513 (9:00) | A 203 |
| Education 529 | HA 5 |
| Education 581/2 | A 206 |
| English 100/1 | A 103 |
| English 200 | Ap 101 |
| English 426 | A 104 |
| Geography 303 | Ap 102 |
| 10:00-11:55 a.m. | |
| Agriculture 300 | Ag 102 |
| Anthropology 300 | A 206 |
| Bacteriology 201 | Ch 400 |
| Biology 304 | Ap 101 |
| Chemistry 304 | Ch 300 |
| Economics 310 | HA 6 |
| Education 509 (Sc.) (10:00) | A 102 |
| Education 521 | A 203 |
| Education 530 | A 104 |
| Education 565 | A 105 |
| English 433 | A 103 |
| Geography 308 | Ap 102 |
| 1:15-3:15 p.m. | |
| Biology 100 | Ap 101 |
| Economics 330 | A 206 |
| Education 509 (Eng.) (1:15) | A 203 |
| Education 509 (S.S.) (2:15) | A 203 |
| Education 536 (1:15) | Ap 204 |
| Education 537 (2:15) | Ap 204 |
| English 427 | A 101 |
| French 101 | A 207 |
| French 202 | A 208 |

| *Course* | *Room* |
|---|---|
| 8:00-9:55 a.m. | |
| Latin 90 | A 201 |
| Int. Studies 400 | A 204 |
| Mathematics 202 | A 208 |
| Philosophy 205 | A 105 |
| Philosophy 302 | A 106 |
| Physics 100/1 | P 201 |
| Physics 303 | P 202 |
| Psychology 300 | A 100 |
| Slav. Studies 205 | HB 3 |
| Spanish 90 | A 102 |
| Spanish 101 | HA 4 |
| 10:00-11:55 a.m. | |
| German 90 | A 207 |
| German 200 | A 208 |
| History 202 | HA 4 |
| History 419 | A 204 |
| Mathematics 307 | HA 5 |
| Music 300 | Brock S |
| P. Ed. 460 (M. T. Th. F.) | HL 1 |
| P. Ed. 406 (W. only) | HL 1 |
| Political Sc. 300 | HB 2 |
| Psychology 100 | A 100 |
| Sociology 200 | Ag 100 |
| 1:15-3:15 p.m. | |
| Geography 101 | Ap 202 |
| History 415 | A 104 |
| Mathematics 100 | A 204 |
| Mathematics 302 | A 105 |
| Psychology 403 | Ap 204 |
| Zoology 200 | Ap 102 |

3:30 (Tuesday, July 4th only)

Physical Education 200, 201, 210, 211, 350 } Gymnasium

### ABBREVIATIONS

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

## OFFICERS AND STAFF

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

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

T. E. HULL, M.A., Ph.D., Instructor.

## Music

HARRY ADASKIN, Professor of Music.

## Philosophy and Psychology

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

E. I. SIGNORI, B.A., M.A., Ph.D., Associate Professor.

PETER REMNANT, B.A., M.A., Lecturer.

C. B. CONWAY, B.Sc., M.S., D.Paed., Director, Division of Tests and Standards, Department of Education, Victoria, B.C.

## Physical Education

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

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

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

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

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

## Physics

W. OPECHOWSKI, Magister Filozoffi, Associate Professor.

## Slavonic Studies

H. E. RONIMOIS, M.Sc. Econ., Ph.D., Associate Professor.

## Spanish

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

J. K. MCDONALD, A.M., Teaching Assistant, Department of Italian, Spanish and Portuguese, University of Toronto.

## Zoology

JAMES R. ADAMS, B.Sc., M.Sc., 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 between 9 a.m. and 4 p.m. on one of the following days:

Thursday, June 29th; Friday, June 30th; Monday, July 3rd; Tuesday, July 4th.

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

## FEES

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

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

The registration fee is not returnable.

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

The minimum class fee is $18.00.

### Scale of Fees

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

NOTES—The maximum course fee for a course leading to a Master's degree is $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 examinations.

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# 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, 1950, 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 two years from the date of receipt of the loan, and until the expiration of the two-year period no interest will be charged. Loans, which may be repaid at any time during the two-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.

1950 OFFICERS

President ..... V. Montaldi.
Secretary ..... D. A. Smith
Treasurer ..... Miss G. Owen

## REDUCED RAILWAY FARES FOR STUDENTS AND INSTRUCTORS ATTENDING SUMMER SESSION

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

## THE UNIVERSITY BOOK STORE

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

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

## UNIVERSITY HEALTH SERVICE

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

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

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

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

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

## DORMITORY ACCOMMODATION

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

# Courses of Study

## AGRICULTURE

**NOTE—See page 34 for announcement of Special Course for Teachers of Vocational Agriculture.**

**300. Applications of Science in Agriculture I.**

A course primarily designed for teachers who wish to extend their knowledge of the application of the basic sciences to agriculture. Illustrations of important physical, chemical, and biological principles will be drawn, in lecture and laboratory, from Soils, Horticulture, Field Crops, and related Agricultural Mechanics.

Prerequisites: Physics 100 or 101, Biology 100, Chemistry 100 or 105, 3 units of which may be taken concurrently.

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

Mr. Rowles.

## ANTHROPOLOGY

**300. Social Anthropology.**

A brief review of the archeological evidence on human origins; the biological background of culture; a detailed study of primitive economics, religion, social and political organization.

Text-book: Kroeber, *Anthropology,* 1948 edition.

Prerequisite: It is strongly recommended that the student should have taken more than one of the following courses: Geography 201, Economics 200, Sociology 200, Psychology 201, Philosophy 304, Biology 304.

*Ten hours a week*—3 units.

Mr. Brown.

## BACTERIOLOGY

**201. 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.

Text-book: Henrici, *Biology of Bacteria,* latest edition.

Prerequistes: Mathematics 100, Chemistry 100 or 105, and Biology 100. Biology 100 may be taken concurrently.

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

NOTE: Students must provide themselves with white laboratory coats, ready for use at the *first* laboratory.

Mr. Duff.

## BIOLOGY

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

**100. Introductory Biology.**

The course is introductory to more advanced work in General Biology, Botany, or Zoology; also to courses closely related to biological science, such as Agriculture, Forestry, Medicine, Nursing, Pharmacy, Fisheries, Home Economics.

The fundamental principles of Biology; the inter-relations 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.*

References: MacDougall and Hegner, *The Science of Life;* Marsland and Plunkett, *Principles of Modern Biology.*

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

Mr. Wort.

**304. Basic Physiology.**

An elementary study of the physiology of the mammalian body.

The course may be taken by students in Home Economics, Physical Education and Honours Psychology.

Text-book: Best and Taylor, *The Living Body,* revised edition, 1945.

Prerequisites: Biology 100, Chemistry 100 or 105.

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

Mr. Fiddes.

## CHEMISTRY

**100. General Chemistry.**

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

Text-books: Laubengayer, *General Chemistry;* Schaum, *Outline of Theory and Problems.* For the laboratory: Harris and Ure, *Experimental Chemistry for Colleges.*

Prerequisites: None .

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

Mr. Kirsch.

**200. Quantitative and Qualitative Analysis.**

A study of the principles and practice of analytical chemistry.

Text-books: Reedy, *Theoretical Qualitative Analysis;* Reedy, *Elementary Qualitative Analysis;* Willard, Furman and Flogg, *A Short Course in Quantitative Analysis.*

Prerequisite: Chemistry 100 or 105.

*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.*

Prerequisite: Chemistry 200.

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

Mr. Dutton.

**304. Theoretical Chemistry.**

An introductory course in the development of modern theoretical chemistry, including a study of gases, liquids, and solids, first and second laws of thermodynamics and solutions.

Text-book: Glasstone, *Elements of Physical Chemistry.*

References: Gucker and Meldrum, *Physical Chemistry;* Daniels, *Outlines of Physical Chemistry; Handbook of Chemistry and Physics,* Chemical Rubber Company, Cleveland.

Prerequisites: Chemistry 200 (except for students taking Honours in Physics) and Mathematics 202.

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

Mr. Dunell.

## CLASSICS

**Latin 90. Beginners' Latin.**

Intended for students who have no previous knowledge of Latin. It is open for credit only to students who have not offered Latin for credit at University Entrance.

The aims of the course include (1) a study of what is fundamental in Latin Grammar and composition and the learning of a basic Latin vocabulary; (2) a continuous correlation with English by examining the origins and meanings of English words derived from Latin and by studying the structure of the English sentence.

Text-book: Collar and Daniell, *First Year Latin,* revised by Thornton Jenkins.

*Ten hours a week*—3 units.

Mr. Logan.

**History 331. Greek and Roman History.**

The background and rise of Greek civilization; emphasis on the political, economic, and cultural life of the fifth and fourth centuries B.C. A survey of the development of Rome during the Republic; a conspectus of the social and economic history of the Empire and of the transition from the classical to the mediaeval world.

This course does not require a knowledge of Latin or Greek.

Text-books: Trever, *History of Ancient Civilization,* Vols. I and II. Bibliographies and references to source material will be supplied by the instructor.

*Ten hours a week*—3 units.

Mr. Guthrie.

## ECONOMICS

**200. Principles of Economics.**

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

Prerequisites: full first year standing; Mathematics 100 (may be taken concurrently).

Text-books: Logan and Inman, *A Social Approach to Economics;* Burns, Neil and Watson, *Modern Economics,* and another to be announced.

*Ten hours a week*—3 units.

Instructor to be announced.

**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 and government control of exchange rates; the gold versus paper standards. Arguments for protection or free trade; international cartels and monopolies; trade treaties and international agreements.

Text-book: To be announced.

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

*Ten hours a week*—3 units.

Mr. Jamieson.

**330. History of Economic Thought.**

Contributions of classical scholars, churchmen, philosophers and business men to the development of economic ideas; the Mercantilists, Physiocrats, Cameralists; the work of Adam Smith; the distinguishing characteristics of the Classical, Historical, Socialist, and Marxian economic doctrines. Immediate background and present emphases of economics.

Text-book: Roll, *History of Economic Doctrines.*

*Ten hours a week*—3 units.

Mr. Crumb.

## 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 or Education 565.

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

Mr. Maclean and Mr. Russell.

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

The administrative staff and their duties; administration of the guidance programme; assemblies; co-curricular activities; construction of the time-table. Applications to British Columbia circumstances will be stressed throughout.

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

*Five hours a week*—1½ units.

Mr. Taylor.

**513. Supervision.**

A study of the techniques for the improvement of instruction. Responsibilities of inspectors, supervisors, and principals.

*Five hours a week*—1½ units.

Mr. Thomas.

**521. Philosophy of Education.**

A study of current trends in educational philosophy; the social implications of educational theories.

*Ten hours a week*—3 units.

Mr. Argue.

**529. Educational Psychology.**

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

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

*Ten hours a week*—3 units.

Miss Prouty.

**530. Advanced Educational Psychology.**

A survey of recent theories of learning; differential psychology; implications for education.

Text-books: Anastasi and Foley, *Differential Psychology;* N.S.S.E., 49th Yearbook.

Prerequisite: Education 501 and 503, or 529, or equivalent.

*Ten hours a week*—3 units.

Miss Sutherland.

**536. Individual Tests.**

See Psychology 403.

*Five hours a week*—1½ units.

Mr. Conway.

**537. Standardized Group Tests.**

See Psychology 403.

*Five hours a week*—1½ units.

Mr. Conway.

**565. Methods in French.**

Modern trends in the teaching of French; practice in oral French.

*Five hours a week and oral practice hours to be arranged*—1½ units.

Miss Clermont.

**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 a week*—1½ units.

Mr. McIntosh.

**582. Educational Statistics.**

The frequency distribution; measures of central tendency; variability; the normal probability curve and its applications; sampling; reliability; correlation; partial and multiple regression.

Text-book: To be announced.

*Five hours a week*—1½ units.

Mr. McIntosh.

## 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.

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

*Ten hours a week*—3 units.

Mrs. Smith.

**200. Literature.**

Major authors, Chaucer to Browning.

Texts: *The College Survey* (Shorter Edition) (ed. Whiting *et al*); Shakespeare, *Hamlet* and *Henry IV, Part I;* 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 a week*—3 units.

Mr. Larsen.

**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.

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

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

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

**426. Eighteenth-century Literature.**

From the Restoration to the end of the eighteenth century: the Age of Dryden, the Age of Pope and the Age of Johnson. The significant authors of each period are closely studied and their works related to the broad cultural movements of the age in architecture, art and music.

Texts: To be announced.

Recommended preparatory reading: Trevelyan, G. M., *English Social History* (chapters on Restoration and Age of Johnson); Pepys, *Diary* (years 1665-6); Boswell, *Life of Johnson* (in part); Fielding, *Joseph Andrews* or *Tom Jones;* Smollett, *Humphry Clinker;* Baugh, A. C. et al. *A Literary History of England,* Book III, by George Sherburn.

*Ten hours a week*—3 units.

Mr. Read.

**427. The English Novel.**

The development of English fiction from Richardson, Fielding, Smollett and Sterne to the novelists of the late nineteenth century.

Texts: To be announced.

Recommended preparatory reading: Fielding, *Tom Jones;* Austen, *Emma;* Dickens, *David Copperfield;* Thackeray, *Vanity Fair;* Hardy, *The Return of the Native.*

*Ten hours a week*—3 units.

Mr. Creighton.

**433. Contemporary Literature.**

A study of outstanding writers of the present generation and of the literary developments they represent in the essay, poetry and fiction. (Consideration will be given to the effect of these developments on contemporary Canadian literature.)

Texts: To be announced.

Recommended preparatory reading: Sanders and Nelson *Chief Modern Poets of England and America* (third edition)—poems of Spender, Yeats, Eliot and Frost; Maugham, *Of Human Bondage;* Woolf, *Mrs. Dalloway;* Hemingway, *A Farewell to Arms.*

*Ten hours a week*—3 units.

Mr. McCourt.

## FRENCH

**101. Reading and Writing.**

Texts: Irvin and King, *Lectures intermédiaires;* Barton and Sirich, *Simplified French Review Grammar and Composition.*

Prerequisite: University Entrance French or its equivalent.

*Ten hours a week*—3 units.

Mr. Hall.

**202. French Authors.**

Texts: Flaubert, *Madame Bovary;* Cattanès and Robert, *Promenades littéraires et historiques.* Independent reading to include Balzac, *Eugénie Grandet.* Composition in French based on the above readings and from Barton and Sirich, *Simplified French Review Grammar and Composition.*

Prerequisite: French 101 or its equivalent.

*Ten hours a week*—3 units.

Mr. Treil.

## GEOGRAPHY

**101. Elementary Physical Geography.**

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

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

References: Finch and Trewartha, *Elements of Geography;* Moore, *Elementary Geology for Canada.*

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

Mr. Mackay.

**303. Regional Geography.**

An outline course of regional geography of the world by continents. Recommended for students going into Social Studies teaching. The physical structure, resources, climate, population, transportation, and industry of the continents are studied. Special emphasis will be given to methods of teaching world geography.

References: Lackey and Anderson, *Regions and Nations of the World;* Cressey, *Asia's Lands and Peoples;* Stamp, *Asia;* Hubbard, *The Geography of Europe;* James, *Latin America;* Stembridge, *The World;* Renner, *Global Geography.*

An atlas is a requisite: e.g., *University Atlas,* Phillips; *Goode's School Atlas; Oxford Advanced Atlas.*

*Ten hours a week*—3 units.

Mr. Shaw.

**308. Regional Geography of Europe.**

An introduction to the physical and human geography of Europe based on an analysis of the interaction between man and his environment in the major natural regions, and the relations of such regions to the principal political divisions of the continent. The physical and climatic characteristics of the continent; development of resources; population. Special emphasis will be given to the geographic background of current political and economic problems of Europe.

Text-book: Shackleton, *Europe, A regional Geography,* 3rd edition.

References: Hubbard, *The Geography of Europe;* Newbigin, *Southern Europe;* Stamp and Beaver, *The British Isles,* 2nd edition; Ormsby, *France.*

*Ten hours a week*—3 units.

Mr. Cumming.

## GERMAN

**90. Beginners' Course.**

Texts: Greenfield, *An Outline of German Grammar;* Hagboldt, *Graded German Readers,* I-V "Alternate" series.

*Ten hours a week*—3 units.

Mrs. Cowie.

**200. Advanced Reading and Composition.**

Texts: Chiles, *German Composition and Conversation,* Part II; Werfel, *Jacobowsky und der Oberst;* Mann, *Tonio Kröger;* Keller, *Kleider machen Leute;* Bruns, *Book of German Lyrics.*

Prerequisite: German 100 or 101 or the equivalent.

*Ten hours a week*—3 units.

Miss MacInnes.

## HISTORY

**202. The History of Canada.**

A general introductory course on Canadian History from the earliest times to the present. This course is required for Second Year Honours credit unless it has already been taken in the First Year or in Senior Matriculation. If credit has been given for History 202, History 203 or History 204 must be taken for Honours credit. History 202 is prerequisite for History 420, 426, 427, 430, 433, 533.

Text-books: Wittke, *A History of Canada;* Brown, *Readings in Canadian History.*

*Ten hours a week*—3 units.

Mr. Underhill.

**415. Europe, 1815-1914.**

The political, social and economic history of the chief countries of continental Europe, with especial attention to international relations.

Text-books: Hayes, *A Political and Cultural History of Modern Europe,* Vol. II; Hall and Davis, *The Course of Europe Since Waterloo;* Stearns, *Pageant of Europe.*

*Ten hours a week*—3 units.

Mr. Kollman.

**419. Great Britain Since 1714.**

This course aims at an interpretation of the constitutional, political, economic, and religious development of the British Isles since 1714. A brief survey of the main constitutional and social trends of the Tudor and Stuart period will also be given as a short introduction to the course.

Text-books: To be announced.

*Ten hours a week*—3 units.

Mr. Davies.

## INTERNATIONAL STUDIES

**400. The Great Powers and World Politics.**

A study of the Great Powers and their international policies in the 19th and 20th centuries. This course may be taken for credit in History and is identical with Political Science 438.

Text-book: To be announced.

Prerequisite: History 101.

*Ten hours a week*—3 units.

Mr. McInnis.

## MATHEMATICS

**100. Algebra, Geometry, and Trigonometry.**

A course in algebra, including logarithms, theory of quadratic equations, permutations, combinations, binomial theorem; determinants, complex numbers; analytical geometry, including the study of the straight line and the circle, with an introductory study of the parabola, ellipse, and hyperbola; elementary trigonometry. Tests will be given at least five times during the session and will normally count 50 percent of the final mark.

Text-books: Sisam, *College Mathematics.*

Prerequisite: Mathematics 90 or 91. Students who have credit for the old course Mathematics VI will be admitted to Mathematics 100, but should have knowledge of the following sections in Sisam before beginning the course: Sections 52-55, 61, 62, 74-82, 87-89, 102-106.

*Ten hours a week*—3 units.

Mr. Jennings.

**202. Calculus.**

Introduction to differential and integral calculus, with applications. Tests will be given at least five times during the session and will normally count 50 percent of the final mark.

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

Prerequisite: Mathematics 100 or 101.

*Ten hours a week*—3 units.

Mr. Hull.

**302. Differential Equations.**

An introductory course, with applications to geometry, mechanics, physics, and chemistry. Tests will be given at least five times during the session and will normally count 50 percent of the final mark.

Text-book: Morris and Brown, *Differential Equations,* revised edition.

Prerequisite: Mathematics 300.

*Ten hours a week*—3 units.

Mr. Leimanis.

**307. Elementary Number Theory.**

Properties of integers and primes, diophantine equations, quadratic residues, quadratic forms, special problems.

Text-book: Uspensky and Heaslet, *Elementary Number Theory.*

Prerequisite: Mathematics 200.

*Ten hours a week*—3 units.

Mr. Murdoch.

## MUSIC

**300. Music Appreciation.**

This is a course in Music Appreciation, from the standpoint of the listener rather than the performer, although the performer may benefit from the structural and formal analysis of each work studied in class. Teachers may find these analyses helpful in teaching students how to listen to music.

The works studied, not in historical order, will be from Bach up to and including the contemporaries. All works will be illustrated and performed by the instructors: Harry Adaskin, violin, and Frances Marr, piano.

*Ten hours a week*—3 units.

Mr. Adaskin.

## PHILOSOPHY

**205. General History of Philosophy.**

A general survey of the history of Philosophy from the Greeks to the present day. Students who have taken Philosophy 100 may not enroll for the course without permission of the instructor.

Text-book: To be announced.

*Ten hours a week*—3 units.

Mr. Remnant.

**302 (6). Philosophy of Values.**

The study of the development of ethical and aesthetic thought, followed by a systematic discussion of the fundamental problems of ethics and aesthetics.

Text-book: To be announced.

*Ten hours a week*—3 units.

Mr. Maslow.

## PHYSICAL EDUCATION

NOTE: The following courses in Physical Education carry credit toward the B.P.E. degree and the Elementary and Secondary Advanced Physical Education Certificates of the Department of Education.

**They do not carry credit toward the B.A. degree.**

### Men

**200. Gymnastics.**

Introductory gymnastics—1 unit.

Mr. Whittle.

**210. Basketball.**

Fundamentals of basketball: passing, dribbling, pivoting, and shooting. Basic drills, team play.—½ unit.

Mr. Pomfret.

**350. Track and Field.**

Instruction and practice in the fundamentals of sprinting, middle distance and distance running, high jumping, pole vaulting and putting the shot—½ unit.
Mr. Osborne.

### Women

**201. Gymnastics.**

Fundamental exercises to provide a scientific method of conditioning the body; general activities to include elementary jumps, vaults, tumbling, stunts, pyramids; gymnastic nomenclature, gymnastic tables—1 unit.
Miss Henderson.

**211. Team Games.**

Games of low organization; field hockey, volleyball, soccer; fundamental skills and team tactics—1 unit.
Mrs. Brown.

### Men and Women

**460. Physical Education Seminar.**

A study of the problems relating to the organization and administration of physical education programmes.
*Eight hours a week*—2 units.
Mr. Osborne.

**406. Physical Education Workshop.**

Techniques of teaching, coaching, and officiating.
*Two hours a week*—½ unit.
Mr. Whittle and Miss Henderson.

## PHYSICS

**100/1. Elementary Physics.**

A study of general college physics; 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 100 must precede or be taken concurrently with this course.

*Ten hours lectures and eight hours laboratory a week*—3 units.
Instructor to be announced.

**303. Elementary Modern Physics.**

A survey of the fundamental ideas underlying modern physics. The arrangement of the material is designed especially to suit the needs of general science teachers and others who may wish to study some of the recent developments in physics. Advanced mathematics is not required. Among the topics treated are electronic phenomena, radio and television, the nature of light and electromagnetic radiation, X-rays, the *quantum* theory, spectroscopy, astrophysics, relativity, radioactivity, cosmic rays, and elementary particles. Candidates for Honours in Physics receive no credit for this course.

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

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

Prerequisites: Physics 100 or 101, Mathematics 100.

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

## 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-books: Ogg, *English Government and Politics;* Ogg and Ray, *Introduction to American Government.*

*Ten hours a week*—3 units.

Mr. Britnell.

## 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,* third edition.

*Ten hours a week*—3 units.

Mr. Signori.

**300. Applied 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.

Prerequisite: Psychology 100.

Text-book: to be announced.

*Ten hours a week*—3 units.

Instructor to be announced.

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

The principles underlying the use of various psychological measuring instruments: intelligence tests, personality inventories, and questionnaires, with practice in administration and scoring.

It is suggested that students should take Psychology 304 or Education 582 before Psychology 403.

Prerequisite: Psychology 100.

Text-book: to be announced.

*Ten hours a week*—3 units.

Mr. Conway.

**Note: Education 530 may be taken for credit in the Psychology Department.**

Prerequisites: six units in Psychology, in addition to Psychology 100.

**Education 581/2 may be taken for credit in the Psychology Department as a substitute for Psychology 304.**

## SLAVONIC STUDIES

**205. Economic History and Geography of U.S.S.R. and Eastern Europe.**

A study of land, people, natural resources, industry and agriculture, systems of transportation and routes of foreign trade of Russia—both Soviet and Tzarist—and of the other countries of Eastern Europe. No knowledge of a Slavonic language is necessary for this course. The course carries credit as an elective in Second, Third and Fourth Years in Commerce, Economics, Geography, History, International Studies.

References: Balzak, Vasjutin and Feigin, *Economic Geography of the U.S.S.R.;* J. Mavor, *Economic History of Russia;* H. E. Ronimois, *Russia's Foreign Trade and the Baltic Sea.*

*Ten hours a week*—3 units.

Mr. Ronimois.

## SOCIOLOGY

**200. Introduction to Sociology.**

An evaluation of 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: La Piere, *Sociology;* Cuber, *Sociology.*

*Ten hours a week*—3 units.

Mr. Topping.

## SPANISH

**90. Beginners' Course.**

Conversational approach; reading, writing, grammar.

Text-books: Kasten and Neale-Silva, *Lecturas Escogidas;* Brenes and Patterson, *Conversemos;* McSpadden, *Spanish Usage for Beginners.*

*Ten hours a week*—3 units.

Mr. McSpadden.

**101. Intermediate Spanish.**

Review of grammar; composition, translation, conversation.

Text-books: To be announced.

Prerequisite: University Entrance or Beginners' Spanish.

*Ten hours a week*—3 units.

Mr. McDonald.

## ZOOLOGY

**200. General Zoology.**

A course in the structure, classification, life histories and biology of animals.

Text-book: Storer, *General Zoology.*

Biology 100 is prerequisite to this course except in the case of a student not wishing academic credit toward the Bachelor's degree.

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

Mr. Adams.

## SUMMER SESSION REGISTRATION

## 1949

| Faculty | Year | Men Veterans | Men Non-Vets | Women Veterans | Women Non-Vets | Total |
|---|---|---|---|---|---|---|
| ARTS | 1st | 2 | 88 | ..... | 74 | 164 |
| | 2nd | 9 | 167 | 1 | 110 | 287 |
| | 3rd | 24 | 147 | 4 | 64 | 239 |
| | 4th | 42 | 168 | 9 | 67 | 286 |
| | M.A. | 15 | 86 | 3 | 49 | 153 |
| | B.Ed. | 9 | 66 | ..... | 14 | 89 |
| COMMERCE | 2nd | 2 | 9 | ..... | 2 | 13 |
| | 3rd | 3 | 17 | ..... | 3 | 23 |
| | 4th | 23 | 24 | 1 | 3 | 51 |
| HOME ECONOMICS | 1st | ..... | ..... | ..... | 4 | 4 |
| | 2nd | ..... | ..... | 1 | 5 | 6 |
| | 3rd | ..... | ..... | ..... | 6 | 6 |
| | 4th | ..... | ..... | 1 | 5 | 6 |
| PHYSICAL EDUCATION | 1st | ..... | ..... | ..... | 1 | 1 |
| | 2nd | ..... | 2 | ..... | ..... | 2 |
| | 3rd | 1 | 7 | ..... | ..... | 8 |
| | 4th | ..... | 5 | ..... | 4 | 9 |
| PHARMACY | 2nd | ..... | 5 | ..... | ..... | 5 |
| | 3rd | 3 | 15 | ..... | 4 | 22 |
| | 4th | ..... | 2 | ..... | ..... | 2 |
| B.Ed. | ..... | 9 | 66 | ..... | 14 | 89 |
| D.R.C. | ..... | ..... | 1 | ..... | 1 | 2 |
| SOCIAL WORK | B.S.W. | 1 | ..... | ..... | 2 | 3 |
| | M.S.W. | 6 | ..... | ..... | 5 | 11 |
| AGRICULTURE | 1st | ..... | 2 | ..... | ..... | 2 |
| | 2nd | 1 | 10 | ..... | ..... | 11 |
| | 3rd | 3 | 11 | ..... | 2 | 16 |
| | 4th | 7 | 13 | ..... | ..... | 20 |
| | Grad. | 2 | 2 | ..... | ..... | 4 |
| APPLIED SCIENCE | 1st | ..... | 5 | ..... | ..... | 5 |
| | 2nd | ..... | 3 | ..... | ..... | 3 |
| | 3rd | ..... | 1 | ..... | ..... | 1 |
| | 4th | ..... | 1 | ..... | ..... | 1 |
| B.S.F. | 1st | ..... | 2 | ..... | ..... | 2 |
| | | 153 | 860 | 20 | 425 | 1,460 |

Auditors: .....23

August 19, 1949.

# Department of University Extension

## Summer Fine Arts Programme

The fine arts, theatre and handicrafts programme arranged by the Department of University Extension has become an increasingly important feature of the summer session at the University of British Columbia. With its beautiful surroundings, art gallery, theatre, museum and workshops the University campus offers a splendid centre for students seeking both serious and recreational study in the arts.

To this already established programme the Department of University Extension this year makes an important addition—courses in operatic music and in German Lieder literature. The inclusion of music in a fine arts programme is not only natural but highly desirable, and the Department is glad that the time has come when it is able thus to extend the scope of its activities.

## Festival Week

Highlight of the summer programme is the annual Festival Week which is held at the conclusion of the various courses. The Festival, to which the public is invited, consists of displays of student work in music, the arts, handicrafts and theatre.

## Bach Bi-Centennial Commemoration

As part of its summer fine arts programme the Department of University Extension is presenting Harry Adaskin, violinist, and Frances Marr, pianist, in a series of concerts which will commemorate the death of Johann Sebastian Bach on July 28th, 1750. There will be five concerts, between July 24th and July 28th, in which the artists will perform Bach's Sonatas for Violin and Piano, his Sonatas for Violin Alone, and the three Concertos for Violin with piano accompaniment.

## Courses Offered

**Summer School of the Theatre.**
July 3rd - August 12th.

**Opera—Lieder.**
Opera Appreciation. July 3rd - August 9th.
Opera Chorus Training. July 3rd - August 11th.
German Lieder Literature. July 4th - August 10th.

**Creative Writing.**
July 3rd - August 11th.

**Arts.**
Design and Composition. July 3rd - August 4th.
Drawing and Painting. July 3rd - August 5th.
Painting For Pleasure. July 4th - August 3rd.
Modelling For Sculpture. July 4th - August 3rd.

**Handicrafts.**

Elementary Pottery. July 3rd - August 2nd.
Advanced Pottery. July 4th - August 3rd.
Weaving For Beginners. July 10th - 14th.
Intermediate and Senior Weaving. July 17th - 28th.

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

## SUMMER SCHOOL OF THE THEATRE

### July 3rd to August 12th

The national theatre of Canada is essentially an amateur theatre. It is to be found in the community drama groups, the university and school drama groups, and the Little Theatre clubs which exist in all parts of the Dominion. It is to be found in the drama festivals which unite all groups in a common bond —the love of fine work in the theatre. From the ranks of the amateur theatre, at its best, will gradually emerge a professional theatre for Canada. Responsibility for fine work in the theatre rests equally with actors, directors, stagecraft and production artists and committees. As in any art, fine work in the theatre depends upon talent and enthusiasm developed by training and experience. Through its Summer School of the Theatre the University of British Columbia seeks to provide opportunities for this essential training and experience.

### Staff

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

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

CLIFF ROBINSON: Member of the Canadian Society of Painter-Etchers and Engravers, and of the Canadian Society of Graphic Artists, Mr. Robinson is also well-known as a theatre artist. He has designed stage settings and costumes for the University of British Columbia, the University of Alberta and Hart House Theatre, Toronto.

FREDA ST. JEAN DE BRANSCOVILLE: L.T.C.L., A.T.C.M. Radio artist, teacher of speech correction and dramatics.

KATHLEEN ORTMANS (special lecturer): Teacher of Creative Dramatics for children. Medallist of the Royal Academy of Music and graduate Dalcroze Eurythmics. Miss Ortmans is the originator and protagonist of the children's radio programmes, "Let's Play" and "It's in the Air".

## 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.** Inner understanding of the actor's task, the body as an instrument of expression, mime, preparation of the role.

**Speech I.** Breath control, tone quality, clarity and projection, 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 Mrs. de Branscoville.

**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 a week*—Brock North.

Miss Somerset.

**Speech II.**

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

Prerequisite: Speech I or its equivalent.

*Five hours a week*—Hut M9.

Mrs. de Branscoville.

**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. Gill.

**Dramatics for Children.**

The work in dramatics for children will be divided into two phases:

A. A series of seven lecture-demonstrations (with children) showing ways of integrating school subjects through rhythm. Emphasis will be placed on relaxation, natural movement, individual expression, and the building up of mimetic stories into plays.

Miss Ortmans.

B. Practical experience in directing children's plays.

Miss Somerset.

Admission to the work in dramatics for children will be granted to teachers attending the Summer School of the Theatre and to members of the course in directing who are concerned with children's work.

**Stagecrafts.**

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

*Seven and a half hours a week*—Scene Shop.

Mr. Risk, Mrs. Richardson, Mr. Robinson.

**Production of a Play.**

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

*A final examination* will be required for those seeking credits.

**TIME TABLE**

(Subject to Change)

| | | |
|---|---|---|
| 8.30- 9.20 Speech I(A) | 8.30- 9.50 Stagecrafts (B) | 10.00-10.50 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 1(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 Monday, 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 |

## OPERA—GERMAN LIEDER

There is no longer any doubt that Canada is a country in which fine music plays an important part in the lives of the people. The growing number of symphony orchestras, the increased recognition of Canadian composers and artists, and the recent formation of distinguished Canadian opera companies all bear testimony to this fact. In presenting music as a part of its summer arts programme this year the Department of University Extension has chosen to emphasize opera. It is doing so in the hope that it may encourage the development of an opera company in the west similar to those that exist in Halifax and Toronto. The course in German Lieder Literature will provide additional important training to the singers who might eventually compose such a company. These courses will have a special appeal to singers and pianists, they will also be of interest to the many music lovers who desire to know more about opera.

**Opera Appreciation—July 3rd-August 9th.**

Discussion and illustration of entire operas of the general repertoire. The aim of this course will be to develop an understanding and appreciation of opera literature and performance, as well as the interpretation of specific roles.

Monday and Wednesday: 2 - 4 p.m. Hut M 1.

Fees: $15.00.

**Opera Chorus Training—July 3rd-August 11th.**

This course will offer training and experience in operatic chorus singing. It will thus provide an introduction to the singing of arias, duets and other operatic forms. Choruses to be studied will be related to the operas discussed in the course on Opera Appreciation.

This course will be open to auditors as well as to active participants. Auditions of active participants enrolling for the course will be held previous to the opening date of classes. Further information will be forwarded on request.

Monday, Wednesday and Friday: 10 - 11:30 a.m. Hut M 1.

Fees: $20.00.

**German Lieder Literature—July 4th-August 10th.**

A course devoted to the study and interpretation of German Lieder Literature. Lieder forms will be analysed and the singer's problems of interpretation discussed. The course will be fully illustrated and will be of interest both to singers and auditors.

Tuesday and Thursday: 2 - 4 p.m. Hut M 1.

Fees: $15.00.

**Combined Fees.**

Opera Chorus Training and Opera Appreciation *or* German Lieder Literature ..... $30.00

Opera Appreciation and German Lieder Literature ..... $25.00

All three courses: $40.00.

**Guest Director of Opera Studies.**

MR. NICHOLAS GOLDSCHMIDT: The eminent Czechoslovakian baritone, creator and director of the Canadian Broadcasting Corporation Opera Company and director of the Opera School of the Royal Conservatory of Music, Toronto. Mr. Goldschmidt needs no introduction to Canadians, his opera audiences stretch right across Canada. It is his hope to be able to encourage the development of a western opera company similar to the one he trains and directs in the east. In addition to the work he has done in opera Mr. Goldschmidt has given many self-accompanied Lieder Recitals in universities and colleges in the United States. 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.

## CREATIVE WRITING

### Short Story and Playwriting

Four Week's Course—July 3rd to July 28th.

Six Week's Course—July 3rd to August 11th.

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

**Four Weeks' Course.**

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

**Six Weeks' Course.**

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

**Former Students.**

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

**All Students.**

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

**Classes.**

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

**Instructor.**

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

**FEES**

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|---|---|
| Four Weeks' Course | $30.00 |
| Six Weeks' Course | 40.00 |

## ARTS AND HANDICRAFTS

For those seeking forms of self-expression close to their daily lives the visual arts and handicrafts provide a rich source of satisfaction. The increased demand for instruction and the opportunity to work in these forms is a notable feature of the present times, and the Extension Department is, therefore, pleased to be able to offer the courses listed below.

**Design and Composition—July 3rd-August 4th.**

A lecture course accompanied by illustration and discussion on the principles of design and composition. An introduction to work in any of the arts or handicrafts.

Morning classes, Monday through Friday. Hut L 12.

Fees: $10.00.

**Drawing and Painting—July 3rd-August 5th.**

A serious course for more advanced students, offering an intensive inquiry into form, colour and composition in still life, landscape, life drawing and abstract. There will be demonstration and practice in the technical aspects and methods of painting.

Afternoon classes, Monday through Friday. Hut L 12.

Fees: $25.00.

Combined fee for both courses: $30.00.

Further information concerning both these courses, which will be conducted by Mr. Webber, will be forwarded upon request.

**Guest Artist.**

GORDON McKINLEY WEBBER: Painter, designer, teacher, Mr. Webber is a member of the Canadian Group of Painters. At present instructor for the Montreal Museum of Fine Arts and McGill University, he has also taught at the Art Gallery in Toronto, the School of Design in Chicago and at Mills

College, California. Mr. Webber's works are hung in the Art Galleries in Toronto and Montreal, the Gugenheim Museum, New York and the National Gallery at Auckland, New Zealand. They have also been seen in many exhibitions, including the contemporary Canadian Painting Exhibition which toured the southern Dominions of the British Commonwealth and the Canadian Art Exhibition at the World's Fair in New York.

**Painting For Pleasure—July 4th-August 3rd.**

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 picinc suppers and meet at pre-arranged rendez-vous.

Tuesday and Thursday: 4 - 7 p.m. Huts B 6 and B 7.

Fees: $10.00.

**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, who has taught both at the Vancouver School of Art and at the University of British Columbia, is at present in charge of the Extension Department's Short Courses in Art which are conducted in communities throughout the province of British Columbia.

**Modelling For Sculpture—July 4th-August 3rd.**

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

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

Fees $10.00.

A laboratory fee of between $1.50 and $3.00 per student will be charged to cover the cost of materials used. A list of simple equipment required will be sent upon registration.

**Instructor.**

MISS BEATRICE LENNIE: Sculptress and teacher. Exhibitor: Sculptor's Society of Canada, National Gallery at Ottawa, Royal Canadian Academy. Among public commissions executed are works in Hotel Vancouver and Shaughnessy Military Hospital.

**Elementary Pottery—July 3rd-August 2nd.**

A practical course for beginners. Students will obtain individual experience in handbuilt methods of making pottery, as well as in throwing on the potter's wheel and in modelling ceramic figurines.

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

Fees: $10.00.

A laboratory fee of between $2.50 and $5.00 will be charged per student, depending upon the size and number of articles finished. A list of simple materials required will be sent upon registration.

**Instructor.**

MISS MOLLIE CARTER: Artist and teacher. Director of Art Centre, Gordon Neighbourhood House. Director of Handicraft Division, Canadian Federation of Artists (B.C. Region). Instructor, University of British Columbia Fine Arts Centre. Represented in the Canadian Collection, Syracuse Museum.

**Advanced General Pottery—July 4th-August 3rd.**

This course will stress design and decorative techniques. It will include: mould making, slip casting, throwing, design and placement of (a) functional additions (b) decorative additions, decorative texture, slip painting, sgraffito, underglaze painting, glazing.

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

**Fees: $10.00.**

A laboratory fee of between $2.50 and $5.00 will be charged per student, depending upon the size and number of articles finished. A list of simple materials required will be sent upon registration.

**Instructor.**

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

**Weaving For Beginners—July 10th-14th.**

This course is planned primarily as an introduction to the course in Intermediate and Senior Weaving which follows. It 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 as many of the standard weaves as time permits.

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

Fees: $7.50.

Students must either provide an approved four-harness loom or pay a loom rental fee of $2.50.

**Instructor.**

MRS. HELEN ELLIS: Chairman of the weaving section of the Handicraft Committee of the Canadian Federation of Artists, (B.C. Region).

Assistant: Miss Jean Travis, Handicrafts Supervisor, Extension Department, U.B.C.

**Intermediate and Senior Weaving—July 17th-28th.**

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

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

Fees: $20.00.

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

**Instructor.**

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

Assistant: Mrs. Helen Ellis.

## SPECIAL COURSE FOR TEACHERS OF VOCATIONAL AGRICULTURE

A course designed for prospective teachers of Vocational Agriculture, open to graduates in Agriculture, will be offered by the Faculty of Agriculture at the request of the Provincial Department of Education.

The course will consist of two sections, May 15th - June 30th and July 4th to August 11th, the second of which may be taken by teachers who are graduates in Agriculture.

Enrolment will be restricted to those with adequate farm experience and who satisfy the requirements of a screening committee.

Further information and application forms may be received from the Dean of Agriculture. As enrolment is limited, application should be made as soon as possible.