THE UNIVERSITY OF BRITISH COLUMBIA

SUMMER SESSION

JULY 5th to AUGUST 20th 1954

PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

Announcement of The Summer Session

SUPPLEMENT TO CALENDAR 1953-1954

Thirty-fifth Session: JULY 5th TO AUGUST 20th, 1954

The University of British Columbia

VANCOUVER 8, CANADA

Vol. 39, GENERAL SERIES No. 3

The University of British Columbia

SUMMER SESSION, 1954

DATES

JULY		
5th	Monday	*Last day for registration of all students. Lectures begin at 8:00 a.m.
6th	Tuesday	Summer Session Supplemental Examinations.
12th	Monday	Last day for changes in students' courses. Last day for payment of fees.
AUGUST		
18th	Wednesday	Last day of lectures.
19th	Thursday	Final Examinations.
20th	Friday	

*The last day for registration is July 5th—the first day of lectures. A fee of $2.00 will be charged all students registering after this date.

The schedule of student activities sponsored by the Summer Session Association is given on page 12.

DEPARTMENT OF UNIVERSITY EXTENSION

NON-CREDIT COURSE PROGRAMME

THEATRE

July 5 —August 17 —Summer School of Theatre—Acting, Speech, Stage-Craft, Directing, Scene Design and Stage-Lighting.

MUSIC

July 5 —July 21 —Workshop and practical study of Concert and Opera Literature.

July 8 —August 10 —Choral Singing Classes.

July 14—August 11 —Five Lieder Recitals.

ARTS AND CRAFTS

July 5 —August 6 —Painting for Pleasure.

July 5 —August 6 —Advanced Painting Workshop.

July 6 —August 12 —Children's Art Course.

July 12—August 9 —Lectures in Art History.

July 19—August 6 —Elementary Ceramics.

July 19—August 6 —Ceramic Workshop.

HUMAN RELATIONS

July 6, 13 and 20 —Lecture Series—"*Man: Victim or Builder of Society*".

July 9 —July 24 —Seminar—"*Team Work for Community Harmony*".

July and August —Family Camping Tours.

WORLD UNIVERSITY SERVICE

August 9—August 14

—Lecture Series— "*This Nation Canada*"

For details see page 27 and following.

TIME TABLE OF LECTURES, CREDIT COURSES

Monday to Friday Inclusive

8:00 - 9:55 a.m.

Course	*Room*	*Course*	*Room*
Anthropology 401	P 302	German 90	A 101
Chemistry 101	C 200	History 404	A 206
(lab. periods in afternoon)		Mathematics 202	A 207
Chemistry 200	C 300	Philosophy 100	HM 1
(lab.: Mon., Fri., 1-5 p.m.)		Physical Education 218, 219	WG
Commerce 151	HG 10	July 5-23	
Commerce 371	HG 1	Physical Education 211,	WG
	Rm. 9	210, 216	
Education 509		July 26-Aug. 18	
Science (8:00-9:00)	A 102	Physical Education 212	WG
Education 512 (8:00)	A 108	Aug. 9-13	
Education 513 (9:00)	A 108	Physics 100/1	P 201
Education 521	A 105	(lab. periods in afternoon)	
Education 523	A 103	Physics 303	P 202
English 100/1	A 104	(lab. periods in afternoon)	
English 200	A 204	Psychology 403	HM 2
English 433	A 106	Spanish 90	A 208
Geography 101	FG 101		
(lab. periods to be arranged)			

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

Course	*Room*	*Course*	*Room*
Chemistry 300	C 200	History 415	A 104
(lab.: 3 afternoons 1-4 p.m.)		Mathematics 101	A 108
Classical Studies 331, 332	A 208	Mathematics 201	A 203
Economics 320	A 105	Mathematics 306	A 207
Education 529	A 204	Physical Education 406	WG
Education 530	P 201	10:10-12:40	
Education 532 (10:10)	P 202	July 5-23	
Education 552 (11:10)	P 202	Physical Education 462	WG
English 421—See footnote		July 26-Aug. 18	
English 432	A 103	Political Science 310	A 101
Geography 307	FG 101	Psychology 100	A 206
German 300	A 201	Psychology 302	HM 2
History 101	A 106	Sociology 200	A 102

1:15 - 3:15 p.m.

Course	*Room*	*Course*	*Room*
Bacteriology 100	W 100	French 110	A 208
(1:15-4:15)		French 202	A 206
Biology 100	B 100	Linguistics 319	A 207
Biology 304	B 209	Physical Education 440	WG
Economics 200	A 103	1:15-2:40	
Education 509		July 7-23	
Social Studies (1:15)	A 203	Physical Education 343	WG
English (2:15)	A 203	2:45-4:10	
Education 522 (1:15)	A 204	July 7-23	
Education 560 (2:15)	A 204	Philosophy 400	HM 2
Education 580 (1:15)	A 106	Slavonic Studies 404	FG 101
Education 581 (2:15)	A 106	Zoology 306 (1:15-5:15)	B 287

Notes: (i) **English 421—Opening meeting 10:10 a.m., Monday, July 5, Auditorium.**

(ii) **Social Work 581 and 586—Organizational meeting, 10:00 a.m., Monday, July 5, Hut B9, School of Social Work.**

ABBREVIATIONS

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

Copies of a map of the campus are available on request at the Registrar's Office.

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., D.Sc.Soc., F.R.S.C., President.

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

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

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

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

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

WILLIAM WHITE, Accountant.

Director of Summer Session

K. F. ARGUE, B.A., M.A., D.Ed., Office in Hut A 2.

Anthropology

HERBERT C. TAYLOR, M.A., Ph.D., Assistant Professor of Anthropology, Western Washington College of Education, Bellingham, Washington.

Bacteriology

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

J. E. BISMANIS, M.D., Dip. Bact., Assistant Professor.

Biology and Botany

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

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

Chemistry

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

K. STARKE, Dr. Phil., Assistant Professor.

A. ROSENTHAL, B.Ed., M.Sc., Ph.D., Assistant Professor.

Classical Studies

MALCOLM McGREGOR, M.A., Ph.D., Classics Dept., University of Cincinnati, Cincinnati, Ohio.

Commerce

L. G. J. WONG, B.Com., M.B.A., Associate Professor.

C. L. MITCHELL, B.Com., C.A., Assistant Professor.

Economics

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

A. D. SCOTT, B.A., B.Com., Ph.D., Instructor.

Education

J. A. B. McLEISH, M.A., Ph.D., Assistant Professor.

D. N. MACLEAN, B.A., B.Ed., Lord Byng Senior High School, Vancouver.

J. G. KIRK, M.A., Principal, Duke of Connaught High School, New Westminster.

ROBERT JACKSON, B.A., Ph.D., Director, Department of Educational Research, Ontario College of Education, University of Toronto, Toronto.

H. C. LINDGREN, Ph.D., Associate Professor of Psychology, San Francisco State College, San Francisco, California.

STANLEY CLARK, B.A., M.Ed., Associate Professor of Education, University of Saskatchewan, Saskatoon.

H. R. FEA, Ph.D., Assistant Professor of Education, Sacramento State College, Sacramento, California.

PETER GURREY, Ph.D., formerly: Senior Tutor and Head of the English Department of the Institute of Education, London University, and Adviser to Overseas Students; Reader in Education. Professor Emeritus, University College of the Gold Coast.

English

J. G. SPAULDING, A.B., Ph.D., Associate Professor.

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

R. BAKER, B.A., M.A., Lecturer.

LIONEL STEVENSON, A.M., Ph.D., B.Litt., Professor and Chairman, Department of English, University of Southern California, Los Angeles, California.

DAVID ITKIN, Director of Drama at De Paul University, Chicago, Illinois.

French

R. R. JEFFELS, B.A., B.Ed., Instructor.

P. M. H. EDWARDS, A.M., Lecturer.

Geography

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

W. C. WONDERS, M.A., Ph.D., Assistant Professor of Geography, Department of Political Economy, University of Alberta, Edmonton.

German

MISS JOYCE HALLAMORE, M.A., Ph.D., Professor and Chairman of Department.

ROBERT FARQUHARSON, B.A., Lecturer.

History

F. H. SOWARD, B.A., B.Litt., F.R.S.C., Professor and Head of the Department.

E. J. KNAPTON, M.A., Ph.D., Professor of History and Head of Department of History and Government, Wheaton College, Norton, Mass.

MASON WADE, M.A., Special Lecturer, University of Toronto, Toronto.

Linguistics

A. W. de GROOT, M.A., Ph.D., Special Lecturer.

Mathematics

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

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

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

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

Philosophy

R. L. STANLEY, B.Sc., M.A., Ph.D., Lecturer.

NORMAN C. MEIER, B.Ph., M.A., Ph.D., Associate Professor of Psychology, Iowa State University, Iowa City, Iowa.

Physical Education

M. L. VAN VLIET, M.S., Ed.D., Professor and Chairman, Department of Physical Education, University of Alberta, Edmonton.

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

JACK B. McKAY, B.A., Instructor, Stockton Folk Dance Camp, Stockton, California.

DON CORYELL, B.A., M.S., Instructor.

Physics

J. B. BROWN, B.A., D.Phil., Assistant Professor.

Political Science

D. CORBETT, M.A., Assistant Professor.

Psychology

D. C. G. MacKAY, M.A., Ph.D., Associate Professor.

D. KENNY, M.A., Ph.D., Lecturer.

DOUGLAS SMITH, M.A., Ph.D., Professor of Psychology, University of Alberta, Edmonton.

Slavonic Studies

R. I. RUGGLES, M.A., Instructor in Geography.

Social Work

W. G. DIXON, A.M., Associate Professor.

MRS. HELEN EXNER, B.A., M.S.S., Lecturer.

Sociology

ALBERT MORRIS, B.S., A.M., Chairman, Department of Sociology and Anthropology, University of Boston, Boston, Mass.

Spanish

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

Zoology

I. McTAGGART-COWAN, B.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.

The University reserves the right to limit attendance, and to limit the registration in, or to cancel, any of the courses listed.

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 possessed.

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.

Registration booklets will be sent to those eligible. Booklets 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 12th, if fees have not been paid by mail.

(ii) Present receipt for fees to Registrar's Office, verify course and local address, and receive Identification Card. A STUDENT HAS NOT COMPLETED REGISTRATION UNTIL HE HAS THIS CARD.

Last day for registration by mail—June 25th.

Students 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 9th.

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. Fees may be paid in advance by enclosing a cheque with registration booklet. Last day for payment of fees Monday, July 12th.

A fee of $2.00 for "Late Registration" will be charged all students registering after July 5th.

The minimum class fee is $22.50.

Scale of Fees

Course Fees, Per Unit	$15.00
Summer Session Association Fee	2.00

For example:

(i) a 3 unit course	Total fee $47.00
(ii) a 4½ unit course	Total fee $69.50
(iii) a 6 unit course	Total fee $92.00

NOTE—No refund will be made for fees after July 15th. 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.

Special Fees

Supplemental Examination, per paper	$5.00

Applications for supplemental examinations, accompanied by the necessary fees, MUST be in the hands of the Registrar at least two weeks before the date set for the examination.

Scholarships, Bursaries, Loan Funds

(Open only to students taking regular academic courses. For bursaries in the Summer School of the Theatre see page 29.)

University Summer Session Bursaries

Twenty bursaries of $50 each are available in the Summer Session, 1954, 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 31st.

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 31st. 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 Association Scholarship

A scholarship of $75, given by the Summer Session 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 Association Scholarship Fund

The annual income from the Summer Session 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 Association Loan Fund

The Summer Session 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 Association.

The University Women's Club Theatre Scholarship

A scholarship of $45, the gift of the University Women's Club of Vancouver, will be available in the summer of 1954 for a worthy and deserving woman student taking the Summer School of the Theatre course.

SUMMER SESSION ASSOCIATION

Executive Membership 1954

President - - - - - Don Spragge
First Vice-President - - - G. Adlard
Second Vice-President - Ken Blanche
Secretary - - Miss J. M. Normandin
Treasurer - - - - - - Don Carter
Social Convener - Miss M. McCallum
Athletic Convener - - - Joe Webb
Resolutions and Programme Convener - - - - - Don Copan
Executive Members - - Peter Moffat, Bruce Prentice, G. H. Kelly, Jack Wilson, Nick Worobec.

The Summer Session Association of the University of British Columbia is composed of all students in attendance at the Summer Session. All students are required to pay a fee of $2.00 at registration.

This organization provides social and intellectual activities for both students and staff of the Summer Session. It deals with all matters pertaining to student welfare on the campus; it provides certain Summer Session scholarships and has made available funds for student loans. The Executive Committee of the Association serves as a liaison group between the student body and the various governing bodies of the University.

The office of the Association is located in the Brock Memorial Building. Telephone: Alma 1230. Office hours: afternoons.

PROGRAMME OF SPECIAL EVENTS

SUMMER SESSION ASSOCIATION

Activity Programme

July 5, 6 and 7		—Registration for Athletic Activities Lists to be posted in the quad.
July 8,	Thursday	—Summer Session Association General Meeting Auditorium—11:30 a.m.
July 9,	Friday	—Mixer in the Brock Hall—9:00 p.m.
July 14,	Wednesday	—Noon-hour Concert Auditorium—12:15 noon.
July 16,	Friday	—Mixer in the Brock Hall—9:00 p.m.
July 21,	Wednesday	—Noon-hour Concert Auditorium—12:15 noon.
July 23,	Friday	—Mixer in the Brock Hall—9:00 p.m.
July 28,	Wednesday	—Noon-hour Concert Auditorium—12:15 noon.
August 6,	Friday	—Mixer in the Brock Hall—9:00 p.m.
August 11,	Wednesday	—Annual General Meeting of the Summer Session Association—Arts 100 - 11:30 a.m.
August 13,	Friday	—Annual Dinner Dance of the Summer Session Association—Time and place to be announced.

Athletic Activities

Registration: Monday, Tuesday and Wednesday—July 5, 6 and 7. In the quad.

Volleyball:	—Outdoor League—6 men's teams—noon-hours.
Golf:	—Mondays and Wednesdays — noon-hour — Field House.
Tennis:	—Tuesdays and Thursdays—times to be arranged.
Table Tennis:	—Hut G-4—available at all hours during the day.
Square Dancing:	—Every Wednesday night—Women's Gymnasium.
Badminton:	—Times and place to be announced. Equipment Hours—12:00 noon to 1:30 p.m. every day.

Other information in first Summer Session Association Bulletin

DEPARTMENT OF EXTENSION

History of Art—Mr. John Mills. Monday, 12:30, July 12, 19, 26, August 2, 9. Physics 201.

Man: Victim or Builder of Society—Professor Albert Morris. Tuesdays, 8:00 p.m., July 6, 13, 20. Physics 201.

Choral Singing—Tuesdays and Thursdays 12:15, July 13-August 12, H.M. 1.

Concert Opera Performance—Nicholas Goldschmidt, August 19, 20 or 21 (definite date to be announced later), Auditorium.

Lieder Recitals—Nicholas Goldschmidt, Wednesdays, 8:30 p.m. July 14, 21, 28, August 4, 11. Brock Stage.

Summer School of Theatre Performances:
Children's Play—Matinee and evening, August 4. Matinee, August 5.
Major Production—August 10, 11, 12, 13.

Festival of Fine Arts—August 9-13.

OTHER EVENTS

World University Service Seminar: August 9-14 on topic "This Nation Canada".

NOTE: All persons and organizations planning special events or programmes in addition to the above are asked to do so in consultation with the Special Events Committee of the Summer Session. Thus programme conflicts may be minimized and room bookings facilitated. Contact Donald Copan, Programme Convener of the Summer Session Association or John Haar, Assistant Director of the Department of University Extension, Secretary, Special Events Committee.

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 during the period July 1st-7th, inclusive. If presented to the Ticket Agent not later than August 24th, 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.

HOUSING ACCOMMODATION
(Single)

Housing accommodation at reasonable rates will be available for Summer Session students who wish board and lodging, in the Fort Camp, or in one of the New Residences for Women Students.

Summer Session Rates

(a) Regular Summer Session Course (July 5th to August 20th inclusive)

Women's Residence

Board and residence $90.00

—apply to Dean of Women

Men's and Women's Dormitories at Fort Camp

Board and residence $82.50

—apply to Housing Administrator.

The above flat rates cover room from July 4th to August 20th inclusive, and meals from dinner, July 4th to breakfast, August 21st inclusive.

(b) Short Courses

Men and Women

Summer Session Short Courses are at the rate of $52.50 per month for board and residence. (Accommodation at Fort Camp only).

—apply to Housing Administrator.

Note: Meal passes will be available at Camp Offices on Saturday, July 3rd, for all students whose board and residence fee has reached the Accounting Office by Wednesday, June 30th.

Further information and application forms may be obtained from the Office of the Housing Administrator.

All Rates are Payable in Advance and are Subject to Change Without Notice

Dormitory deposit of $10 will be confiscated if student fails to take up accommodation for which he has made application.

Courses of Study

ANTHROPOLOGY

401. Indians of British Columbia.

Native cultures of British Columbia and anthropological problems presented by this area; a survey of the native peoples of the New World; racial, linguistic and cultural relationships; intensive study of a few representative tribes.

Prerequisite: None.

Ten hours lectures a week—3 units.

Mr. Taylor.

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.

Prerequisite: Chemistry 101.

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, Mr. Bismanis.

BIOLOGY

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

100. Introductory Biology.

The course is introductory to more advanced work in General Biology, Botany, or Zoology; also to courses closely related to biological science, such as Agriculture, Forestry, Medicine, Nursing, Pharmacy, Fisheries, Home Economics. Principles of biology; interrelations of plants and of animals; life processes; the cell and division of labour; life-histories; relation to environment; dynamic biology.

Text-book: Mavor, *General Biology.*

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

Mr. Wort.

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.

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

Prerequisites: Biology 100, Chemistry 101.

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

Mr. Goranson.

CHEMISTRY

101. General Chemistry.

Fundamental theories, periodic table, inorganic reactions, chemical calculations.

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

Prerequisite: Mathematics 100 or 101, which may be taken concurrently.

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.

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

Prerequisites: Chemistry 101, Mathematics 101. (The latter may be taken concurrently.)

Six hours lectures, and twenty hours laboratory a week—3 units.

Mr. Starke.

300. Organic Chemistry.

Fundamental principles as illustrated by the main classes of organic compounds in the aliphatic and aromatic series.

Text-book: Fieser and Fieser, *Textbook of Organic Chemistry.*

Prerequisite: Chemistry 200.

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

Mr. Rosenthal.

CLASSICAL STUDIES

331. Greek History.

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

332. 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.

In both these 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 and Miller, *Principles of Accounting—Introductory.* Practice Set to be announced.

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

Mr. Mitchell.

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,* (Revised Edition).

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 or for credit toward the B.Com. degree.

ECONOMICS

200. Principles of Economics.

The institutions, processes and agencies in and through which natural resources, capital, labour and enterprise are combined to provide for our individual and collective well-being; basic determinants of real and money incomes, employment and living standards.

Text-books: Logan and Inman, *A Social Approach to Economics;* Samuelson, *Economics.* Directed Readings.

Prerequisite: First Year standing including Mathematics 100 or 101 which may be taken concurrently.

Students who do not have the necessary prerequisites may take this course but would register for Economics 140. Adjustments would be made for such students in the matter of work assigned and examinations written.

Ten hours lectures a week—3 units.

Mr. Jamieson.

320. Government Finance.

Role of government. Theories of justice in taxation; characteristics of a good tax system. Principal expenditures and revenues of federal, provincial and municipal governments. Constitutional financial problems. Valuation of property; income and property taxes; succession duties. Dominion-Provincial fiscal relations; public borrowing and deficit financing.

Prerequisite: Economics 200 (may be taken concurrently with special permission).

Ten hours lectures a week—3 units.

Mr. Scott.

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.

Five hours lectures a week—1½ units.

Lecturer: To be announced.

513. Supervision.

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

Five hours lectures a week—1½ units.

Lecturer: To be announced.

521. Philosophies of Education.

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

Ten hours lectures a week—3 units.

Lecturer: To be announced.

522. The Secondary School.

Modern secondary education with particular reference to practices and trends in the schools of Canada and the United States. Problems of administration, personnel, curriculum, and public relations. The sociological aspect of secondary education.

Five hours lectures a week—1½ units.

Mr. McLeish.

523. Comparative Education.

Types and systems of schools, mostly in England, France, Germany, Russia, the United States, and Canada.

Ten hours lectures a week—3 units.

Mr. Gurrey.

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.

Ten hours lectures a week—3 units.

Mr. Fea.

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.

Mr. Clark.

532. Psychology of Adolescence.

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

Five hours lectures a week—1½ units.

Mr. Lindgren.

552. Mental Hygiene in the School.

Principles of mental hygiene and their relation to classroom and broader educational problems.

Five hours lectures a week—1½ units.

Mr. Lindgren.

560. Teaching in the Secondary School.

Methodology in secondary education. The course will consider the teacher as a professional person, classroom discipline, general techniques of secondary teaching, the teacher-parent relationship, and provision for individual differences.

Five hours lectures a week—1½ units.

Mr. McLeish.

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.

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 25), is the equivalent of Education 536 and 537.

ENGLISH

100-1. Literature and Composition.

A study of literature in the nineteenth and twentieth centuries, and of the principles of composition. Themes and exercises are required.

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

Text-books: *College Survey* (Shorter edition, revised); G. B. Shaw, *St. Joan*, Penguin; J. M. Synge, *Collected Plays*, Penguin; Birk and Birk, *Understanding and Using English*, Odyssey.

Ten hours lectures a week—3 units.

Mr. Spaulding.

200. Literature and Composition.

A study of literature from Chaucer to the nineteenth century, and of the principles of composition. Themes and exercises are required.

Text-books: *College Survey* (Shorter edition, revised); Shakespeare, *Hamlet*; Swift, *Gulliver's Travels*, Rinehart; Austen, *Pride and Prejudice*, Pocket Books; Fielding, *Joseph Andrews*.

Prerequisite: English 100-1.

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 Shakespeare, Swift, Fielding, and Austen. These works must be read in advance.

Ten hours lectures a week—3 units.

Mr. Baker.

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, or in workshop scenes from plays; (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.

Mr. Itkin 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.

432. Victorian Prose.

This course fixes attention upon the judgments handed in by several major Victorian writers after they had examined the development of English society of their own day. Through a selection of the writings of Carlyle, Macaulay, Mill, Newman, Ruskin and Arnold, the course traces reform and change in ideas and ideals of education, politics and economics, religion, scientific discovery and relations among social classes.

Text-book: Harrold and Templeman, *English Prose of the Victorian Era.*

Ten hours lectures a week—3 units.

Mr. Stevenson.

433. The Early Modern Period.

This course is intended to survey literary movements between 1870 and 1918 and to provide an appreciative knowledge of specific novels, poems and plays by major authors (among them Hardy, Conrad, Shaw, Wilde and Wells) of the period. The ideas and social forces reflected in the literature of this transitional period which underlie significant and conflicting aspects of modern thought will be carefully examined.

NOTE: Reading lists may be obtained from Dr. M. W. Steinberg, Department of English, University of British Columbia. As much reading as possible should be done before Summer Session begins.

Ten hours lectures a week—3 units.

Mr. Steinberg.

FRENCH

110. First Year University French.

Study of French texts; grammar; pronunciation.

Text-books: Irvin and King, *Vingt et un contes;* Whitmarsh, *A Simpler French Course.*

Prerequisite: French 20 of High School Graduation (University Programme), or equivalent.

Ten hours lectures a week—3 units.

Mr. Edwards.

202. Second Year University French.

Text-books: Husson, *La Cuisine des Anges;* St. Exupery, *Vol de nuit;* Whitmarsh, *Complete French Course.*

Prerequisite: French 101, 110 or equivalent.

Ten hours lectures a week—3 units.

Mr. Jeffels.

GEOGRAPHY

Geography 101 is prerequisite to all other courses in Geography for students intending to major or honour in Geography.

101. Elementary Physical Geography.

An introductory course dealing with the earth as a globe; map projections; topographic maps; origin and distribution of landforms with particular reference to North America; weather and climate; natural vegetation; practical laboratory exercises.

Text-book: Strahler, *Physical Geography,* 1951.

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

Mr. Wonders.

NOTE: Geography 101 may be credited as a science course in the first or second year electives.

307. Human and Political Geography.

Influences of natural environment upon man; world population problems; boundary problems; development of geopolitics; principles of urban geography; geographic background of selected world trouble areas. The course will be designed to assist Social Studies teachers.

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

Ten hours lectures a week—3 units.

Mr. Robinson.

NOTE: Slavonic Studies 404 (see page 25), is accepted for credit in Geography.

GERMAN

90. Beginners' Course.

Text-books: Greenfield, *An Outline of German Grammar;* Meyer, *Graded German Readers,* 1-3; Hagboldt, *Eulenspiegel und Münchhausen.*

Prerequisite: none.

Ten hours lectures a week—3 units.

Mr. Farquharson.

300. The Classical Period.

Literature of the 18th century, with emphasis on Lessing, Goethe and Schiller.

Text-books: Lessing, *Emilia Galotti; Minna von Barnhelm; Nathan der Weise;* Goethe, *Faust I; Iphigenie;* Schiller, *Die Jungfrau von Orleans; Maria Stuart.*

Prerequisite: German 200 or equivalent.

Ten hours lectures a week—3 units.

Miss Hallamore.

HISTORY

101. Main Currents in Twentieth-Century History.

This course offers a background for contemporary world problems and is prerequisite to History Honours and for International Studies 400.

Text-books: Chambers, Harris and Bayley, *The Age of Conflict;* Schmitt, *Triple Alliance and Triple Entente.*

Ten hours lectures a week—3 units.

Mr. Soward.

404. The French in North America.

A study of culture using the historical approach.

Ten hours lectures a week—3 units.

Mr. Wade.

415. Europe, 1815-1914.

The political, social and economic history of the chief countries of continental Europe, with special 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 lectures a week—3 units.

Mr. Knapton.

LINGUISTICS

319. General Introduction to Modern Linguistic Science.

Origin of language, development of writing (ideograms, syllabaries, etc.), families of languages, classes of languages, linguistic change, semantics, dialects, slang.

The needs of High School language teachers will be kept in mind throughout the course.

Text-books: J. Vandryes, *Language, A Linguistic Introduction to History,* Stephen Ullman, *Words and Their Use.*

Prerequisite: At least Second-class standing in any of the following courses: Anthropology 300, English 200, French 202, German 200, Greek 202, Latin 202, Polish 210, Russian 200, 203, Spanish 201.

Ten hours lectures a week—3 units.

Mr. de Groot.

MATHEMATICS

101. Algebra, Geometry, and Trigonometry.

Logarithms, permutations, combinations, binomial theorem, probability, straight line, circle, parabola, ellipse, and hyperbola; elementary trigonometry.

Tests will be given at least five times during the session and will normally count 50 per cent. of the final mark.

Text-book: Sisam, *College Mathematics.*

Prerequisite: Mathematics 91 or 100.

Ten hours lectures a week—3 units.

Mr. Nash.

201. The Mathematical Theory of Investments.

Theory of interest, annuities, debentures, valuation of bonds, sinking funds, depreciation, probability and its application to life insurance.

Prerequisite: Mathematics 100 or 101.

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

Ten hours lectures a week—3 units.

Mr. Murdoch.

202. Calculus.

Introduction to differential and integral calculus, with applications.

Prerequisite: Mathematics 101.

Ten hours lectures a week—3 units.

Mr. Leimanis.

306. Topics in Geometry.

Foundations of geometry, projective geometry, Euclidian and Non-Euclidian geometry.

Prerequisite: Mathematics 200 or 202.

Ten hours lectures a week—3 units.

Mr. Jennings.

PHILOSOPHY

100. Introduction to Philosophy.

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

Ten hours lectures a week—3 units.

Mr. Stanley.

400. Aesthetics.

An analysis of the aesthetic experience and its relationship to beauty, the fine arts, literature, science and morality.

Prerequisite: Psychology 100.

Ten hours lectures a week—3 units.

Mr. Meier.

PHYSICAL EDUCATION

Men

210. Basketball.

Fundamentals, basic drills, rules.

Three weeks, one hour per day, July 26-August 18—½ unit.

Instructor: To be announced.

212. Football.

Fundamentals, basic drills and formations.

One week, two hours per day, 8-10, August 9-14—½ unit.

Mr. Coryell.

216. Soccer.

Basic skills, rules; emphasis on playing.

Text-book: *Football Association Handbook.*

Three weeks, one hour per day, July 26-August 18—½ unit.

Instructor: To be announced.

218. Minor Games.

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

Schedule to be announced—½ unit.

Instructor: To be announced.

Women

211. Team Games I.

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

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

Three weeks, two hours per day, 8-10, July 26-August 18—1 unit.

Instructor: to be announced.

219. Minor Games.

Relay, group, recreational games.

Schedule to be announced—½ unit.

Instructor: To be announced.

Men and Women

343. Dance.

Folk dance, European.

Text-book: *Let's Dance,* Volume A.

Three weeks, one and one-half hours per day, 2:45-4:10, July 7-23—½ unit.

Mr. McKay.

406. Workshop in Physical Education.

Curriculum construction with emphasis on unit and lesson planning and teaching methods.

Three weeks, two and one-half hours per day, 10:10-12:40, July 5-23—1½ units.

Mr. Van Vliet.

440. Dance.

Advanced square with emphasis on calling.

Three weeks, one and one-half hours per day, 1:15-2:40, July 7-23—½ unit.

Mr. McKay.

462. Health.

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

Three weeks, two hours per day, 10:10-12:05, July 26-August 18—1½ units.

Mr. Whittle.

PHYSICS

101. 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.*

Prerequisites: Physics 91 and Mathematics 101 (the latter may be taken concurrently).

Students who do not have Physics 91 may take this course and may obtain credit for Physics 100.

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

Mr. Brown.

303. Elementary Modern Physics.

Fundamental ideas underlying modern physics. For general science teachers and others interested in recent developments in physics. Electronic phenomena, radio and television, the nature of light and electro-magnetic radiation, X-rays, the quantum theory, spectroscopy, relativity, radioactivity, cosmic rays, elementary particles.

Text-book: Oldenberg, *Introduction to Atomic Physics.*

Prerequisite: Physics 100 or 101.

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

Lecturer: To be announced.

POLITICAL SCIENCE

310. Public Administration.

The structure and organization of the administrative branch of government, in theory and practice. Illustrations are drawn from Canada, Great Britain and the United States. Administrative powers and administrative responsibility in the modern state. The personnel policies of modern governments, and the agencies of control.

Ten hours lectures a week—3 units.

Mr. Corbett.

PSYCHOLOGY

Psychology 100 is prerequisite to all other courses in Psychology.

100. Introductory Psychology.

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

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. Morris.

SPANISH

90. Beginners' Spanish.

Grammar, composition, translation, conversation.

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

Ten hours lectures a week—3 units.

Mr. Brooke.

ZOOLOGY

306. Biology of the Vertebrates.

An introduction to the vertebrates, chiefly the birds and mammals, of British Columbia. Identification; distribution; specialization in structure and function; ecology; observational methods of studying behaviour and habitat relations; methods of preservation for class use and demonstration. Lectures, laboratory and field trips.

Laboratory Manual: Pettingill, *A Laboratory and Field Manual of Ornithology.*

Prerequisite: Biology 100 or the instructor's premission.

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

Mr. Cowan.

SUMMER SESSION REGISTRATION 1953

MEN	WOMEN	TOTAL
670	370	1040

Auditors (not included in above) 9

Department of University Extension

SUMMER SESSION, 1954

Non-Credit Course Programme

During the past years increasing requests have come to the Extension Department for courses reflecting the greater scope of university teaching. The Extension Department has accordingly undertaken, in addition to the usual courses in Theatre, Music, Arts and Crafts, to provide specialized courses and lecture series in the field of human relations. Such a programme is offered through the cooperation of various University departments and through the services of distinguished artists, instructors and lecturers. As in other years, Summer Festivals, featuring student work in music, theatre, arts and crafts, will highlight the programme.

Summer Art, Seminars and Workshops go naturally with the beauty of the University of British Columbia campus. The art gallery, theatre and museum, set against the scenic backdrop of Canada's most beautifully situated campus, are ideally suited for both serious and recreational study. This year, during July and August, Vancouver will be host to the British Empire Games. The City also offers outstanding opportunities for entertainment and recreation and, for leisure hours, provides swimming, sunning or sailing at twenty sandy beaches—the nearest a five-minute walk from the classroom. Symphony concerts can be enjoyed under the trees at Stanley Park; several theatre companies, including the famous Theatre Under the Stars, present a season of drama and musical comedy.

SUMMER SCHOOL OF THE THEATRE

July 5th - August 17th

Community amateur theatre is the national theatre of Canada, it is also the foundation upon which Canada's emerging professional theatre is being built. The strength of both theatres lies in quality and in high standards of performance. The Summer School of Theatre offers both to amateurs and to aspiring professionals, an intensive and exciting course of theatre training under highly qualified instructors. The School provides a two-year course, with individual courses designed to meet the needs of actors, directors and scene technicians.

Staff:

Philip Keatley, B.A. (Brit. Col.): Director of the Summer School of the Theatre, Department of University Extension.

David Itkin: Guest Director and Professor. Mr. Itkin will be a very distinguished visitor to the campus and it is because of his interest in Canadian theatre that he has accepted the invitation to come to the University of British Columbia this summer. Before coming to the United States he was a member of the famous Moscow Art Theatre, working with Constantin Stanislavski. He was also director and star actor for the original Habima Players. Since his arrival in America, Mr. Itkin has been for many years Director of Drama at De Paul University, and professor and director of senior productions at Goodman Memorial Theatre, Chicago.

Irene Powlan: Was for two years a member of the American Repertory Theatre where she acted and taught under Maria Ouspenskaya and Alexander Koiransky. Miss Powlan, formerly also a member of the Charles Laughton Shakespeare Foundation Group, has had wide experience both as actress and as teacher.

John Hall, M.A. (Washington): Formerly technical director, University of Arizona, and teaching fellow at the University of Washington, Mr. Hall has for the past year been technical director of the Phoenix Little Theatre, Arizona. He will be in charge of the two new courses in Scene Design and Stage Lighting to be offered at the Summer School of the Theatre.

Freda St. Jean de Branscoville, L.T.C.L., A.T.C.M.: Outstanding teacher of speech and dramatics, actress and radio artist.

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 execution for the Summer School of the Theatre.

Sydney Risk, M.A. (Theatre), Cornell: Formerly Head of Drama Department, University of Alberta. Founder and director of Everyman Theatre. Part-time lecturer, the University of British Columbia.

Courses:

THEATRE PRACTICE: ACTING I AND SPEECH I.

(English 421, Credit Course and Extension Department non-credit course.)

This is a junior course and provides daily practice in the fundamentals of acting and voice production.

ACTING I.

Principles of acting, improvisation, creating a character, the body as an instrument of expression.

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.

Time:

Ten hours a week.

Instructors: Mr. Itkin, Mrs. de Branscoville, Miss Powlan.

ACTING II.

Advanced acting class, including Speech as a medium of interpretation. Students will be asked to prepare dramatic selections and scenes from plays for class presentation and criticism.

Prerequisite: Acting I and Speech I, or their equivalents.

Time:

Seven and one-half hours a week.

Instructors: Mrs. de Branscoville and Mr. Itkin.

DIRECTING.

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

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.

Time:

Seven and one-half hours a week.

Instructor: Miss Powlan.

STAGECRAFTS.

Practical workshop classes, including 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.

Time:

Ten hours a week.

Instructors: Mr. Hall, Mrs. Richardson, Mr. Risk.

SCENE DESIGN AND STAGE LIGHTING.

These courses are designed for students who wish to specialize in technical stage direction, or for directors who wish to know more about the technical aspects of staging a play. The principles of Scene Design and Stage Lighting will be discussed and students will be asked to work on problems related to the Scene Design and Lighting of specific plays or scenes from plays.

Prerequisites: A course in Stagecrafts equivalent to that offered at the Summer School of the Theatre, or consent of the instructor based on the student's previous experience.

Time:

Scene Design: *five hours a week.*

Stage Lighting: *five hours a week.*

Instructor: Mr. Hall.

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. Students seeking credits or a certificate are required to participate.

Personal Interviews and Examinations.

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

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.

Applications must be received by May 31st.

Time Table: (subject to change)

8:30 - 10:20	Stagecrafts	
8:30 - 10:00	Acting II	
10:30 - 12:00	Directing	
10:30 - 11:20	Acting I (Section A)	Speech I (Section B)
11:30 - 12:20	Acting I (Section B)	Speech I (Section A)
1:00 - 2:00	Stage Lighting	
2:00 - 3:00	Scene Design	
2:00 - 5:00	Rehearsals (evening and week-end rehearsals will be called as necessary).	

Opening meeting of the School will be held on Monday, July 5th, at 10:10 a.m. in the University Auditorium.

Fees:

Complete course (two or more subjects)	$45.00
Individual subjects	25.00
Stagecrafts and lighting laboratory fees	2.00

Students taking Scene Design will be expected to provide their own personal supplies—drawing paper, rulers, paints, etc.

Students taking English 421 must register in the regular way, through the Registrar's Office. All other students register through the Department of University Extension.

MUSIC

WORKSHOP AND PRACTICAL STUDY OF CONCERT AND OPERA LITERATURE.

July 5 to August 21

Guest Director: Mr. Nicholas Goldschmidt

The Department of Extension takes pleasure in announcing that Mr. Nicholas Goldschmidt will return to the University of British Columbia for his fifth successive summer. He will be returning to the University after his first European tour, where he has been invited to conduct in Brussels, Zurich and for the British Broadcasting Corporation Third Programme. He will be welcomed by both students of singing and lovers of fine music. He has in the past four years, through his teaching, his students' concerts of rare musical quality and his radio opera productions over CBU, made a notable contribution to the musical life of Vancouver. Mr. Goldschmidt is the Musical Director of the Opera School, Royal Conservatory of Music, Toronto, and the conductor of the Canadian Broadcasting Corporation Opera Company.

Classes:

Classes will be practical, with emphasis on the singing and interpretation of concert literature and operas from the standard repertoire. Mr. Goldschmidt hopes, at the end of the summer's course, to be able to present his students in a concert performance of "The Marriage of Figaro" or some other major work. Instruction will consist of individual lessons and bi-weekly group classes.

Individual Lessons:

Students are accepted by audition only. Auditions for new students will be held between July 5th and July 9th. Instruction will begin that same week.

Group Classes:

These classes are open to all, auditors as well as singers, and will begin on Tuesday, July 13th. Students will study, among other works, the entire Song Cycles of "Die Winterreise" by Schubert and "Dichterliebe" by Schumann. Students taking individual lessons are required, if possible, to take part in these classes.

Time Table: (subject to change)

Individual Lessons:

—Monday through Friday—10:00 to 11:30 a.m., or 10:30 to 12:00 noon.
University studio.

—Monday, Wednesday, Thursday—4:00 to 5:30 p.m., or 5:00 to 6:30 p.m.
Downtown studio.

—Saturday—11:00 a.m. to 12:30 p.m.
Downtown studio.

Group Classes: (Series of ten classes)

—Tuesday and Friday—7:45 to 9:45 p.m.
University studio.

Fees:

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

Group Classes—For singers other than those taking individual lessons—$25.00 for a series of ten classes.

For auditors—$10.00 for the series.

For students taking individual lessons there will be no extra charge for the group classes.

CHORAL SINGING CLASSES—July 8 - August 10.

For the delight and instruction of those who enjoy singing and who enjoy fine music, Mr. Goldschmidt will conduct a series of ten noon-hour classes in choral singing. They are open to anyone. Mr. Goldschmidt's purpose is to bring together teacher, student and amateur and, through active participation, to acquaint them with some of the finest choral music. The music Mr. Goldschmidt will select will be easy to read in order that all participating may derive the greatest pleasure and benefit.

Tuesday and Thursday noon-hours, 12:15 to 1:15 p.m.

Hut M-1, University Campus.

Fees: $5.00.

FIVE LIEDER RECITALS—July 14 to August 11.

In connection with his courses, Mr. Goldschmidt will give five public Lieder recitals. He will accompany himself and comment on the songs he selects to sing. Before coming to Canada, Mr. Goldschmidt gave many self-accompanied Lieder recitals at American Universities and Colleges, and he has been frequently heard in similar recitals over the Canadian Broadcasting Corporation network. Music lovers will find these recitals a rare treat.

Time:

Wednesdays 8:30 p.m.

Place:

The Stage Room, Brock Hall, U.B.C. Campus.

Tickets:

For general public

$4.00 ..... for series of five recitals

$1.00 ..... for single recital

For Mr. Goldschmidt's students

$2.00 ..... for series of five recitals

.50 ..... for single recital

Tickets will be on sale at the Department of University Extension and at the door.

ARTS AND CRAFTS

PAINTING FOR PLEASURE—July 5 to August 6.

Painting for Pleasure is a course designed to take maximum advantage of the rich scenic resources of the University campus area. Painting or drawing in any medium may be undertaken and instruction will be given on a personal basis. Weather permitting, all class sessions will be held in the open air.

Classes:

Mondays and Wednesdays, 4:00 to 7:00 p.m.

Place:

Hut L-3, University Campus.

Fees:

$10.00.

Instructor:

Mr. Mills, former student of Art at Wayne University in Detroit, Columbia University, Warburg Institute, University of London, and the Netherlands Institute for Art History at the Hague, was formerly Director of the Battle Creek Civic Art Center.

ADVANCED PAINTERS' WORKSHOP—July 5 to August 6.

The student will be encouraged to develop his own personal expression with a variety of materials and a sound groundwork in basic techniques. Time will be made available for study with the model, still life, landscape and imaginative subjects.

For those interested, instruction in the theories and problems of mural art will be available. Problems will be assigned and criticism given on a tutorial basis, taking into consideration individual needs.

The course will be divided into two sections:

Section A: Primarily concerned with the artist's initial approach to his subject and consisting of out-door and indoor sketching parties.

Section B: A studio course—devoted to a formal consideration of the problems of drawing, colour, composition and techniques of various media. Art movements of the past and present will be discussed.

Students taking both Section A and B will have the opportunity of developing sketches made in Section A into finished compositions in the latter section.

Classes:

Monday to Friday—Section A: 3:30 to 5:30 p.m.
Section B: 7:30 to 9:30 p.m.

Place:

Hut L-12, U.B.C. Campus.

Fees:

Single section of course	$20.00
Both sections combined	30.00

Instructor:

Mr. Robert Davidson of Portland, Oregon. Mr. Davidson was a student of art at Wayne University, Michigan, Escuela de Pintura y Escultura, Mexico City, Portland Museum School, and received his B.F.A. at Cranbrook Academy of Art. The instructor, well-known for his murals, has widely exhibited his work throughout America.

CHILDREN'S ART COURSE—July 6 to August 12.

The children's art course will be concerned with the total creative and mental growth of the child through art. A variety of activities, such as group murals, drawing from nature, puppetry, and rhythmics will provide a stimulating educational experience. Emphasis will not be placed on the development of particular skills as such, but rather on a wide introduction to art experience.

Classes:

Mondays and Wednesdays, 9:00 to 12:00 noon.

Place:

Art Workshop, University Library.

Fee:

$6.00

Instructor:

Mr. John Dobereiner: Art Teacher at Richmond High School. Mr. Dobereiner, graduate of the Vancouver School of Art, and drawing instructor in the

Vancouver School Board Night Class Programme, has been active in the Art Curriculum revision programme being carried out by the B. C. Teachers' Federation. The instructor's personality and artistic ability have already established him as a favorite among the artistic junior citizens of the Vancouver community.

FIVE ILLUSTRATED LECTURES IN ART HISTORY—July 12 - August 9.

A course emphasizing the interrelationships of painting, sculpture, and architecture with literature.

"The Scenery of Romanticism"

I Goethe's Germany and After
II Wordsworth's Rural England, and the Machine
III Ruskin's Venice; A View of the Renaissance
IV Kafka's Prague and Central Europe
V Dante's Italy; Florence to Ravenna

Time:

Mondays at 12:30 p.m.

Place:

Physics 201, Physics Building, U.B.C. Campus.

Fee:

$1.00 for the series.
.35 for individual lectures.

Lecturer:

Mr. John Mills, Arts Supervisor, Department of University Extension, U.B.C.

ELEMENTARY CERAMICS—July 19 - August 6.

A practical course of first principles with the purpose of providing an immediate ability in wheel-throwing and other forming techniques, with consideration of glazes, craftsmanship and standards in ceramics.

Classes:

Monday to Friday, 1:30 to 4:30 p.m.

Place:

Pottery Hut, Youth Training Center, University Campus.

Fee:

$20.00, plus a laboratory fee of $3.00.

Instructor:

Mr. Jim Bartell: Graduate and nationally known Ceramist from the University of Oregon. Mr. Bartell studied at Kansas City Art Institute, Ohio State University and has done graduate study under such personalities as Alexander Archipenko, sculptor, and Hal Riegger, potter.

CERAMIC WORKSHOP—July 19 to August 6.

The advanced course for potters will place emphasis upon individual expression and design in the use of clay. Lectures will be given presenting an approach to ceramic form from both a two and three-dimensional viewpoint. Surface treatment will be considered, using clay and glaze combinations for aesthetic expression. The processes of glaze compounding will be combined with practice in throwing and building. Particular consideration will be given to surface design and brush application. Incised and applied forms and textures will be dealt with. Each session will consist of discussion and individual work.

Classes:

Monday to Friday, 7:30 to 10:30 p.m.

Place:

Pottery Hut, Youth Training Center, University Campus.

Fees:

$20.00, plus a laboratory fee of $3.00.

Instructor:

Mr. Jim Bartell, graduate and nationally known Ceramist from the University of Oregon.

HUMAN RELATIONS

MAN: VICTIM OR BUILDER OF SOCIETY—July 6, 13, and 20.

The lecture series is intended to examine the role of man in modern society. The topics of the three meetings are: "Perspective on Man", "The Role of the Family in a Changing World", and "Human Progress: Illusion or Reality".

Classes:

Tuesdays, 8:00 to 9:30 p.m.

Place:

Physics 201, Physics Building, U.B.C. Campus.

Fee:

Fifty cents per meeting.

Instructor:

Professor Albert Morris, Chairman, Department of Sociology and Anthropology, Boston University. Noted for his work in criminology, Professor Morris also has a keen interest in anthropology. In 1952, under a Fulbright appointment, he spent part of the year assisting the University of Melbourne with the establishment of a Department of Criminology, served as consultant to the Ministry of Justice in New Zealand, and later carried on anthropological field work in Central Australia, New Zealand, Norfolk Island, and Egypt. This is Professor Morris' second visit to the University of British Columbia.

TEAMWORK FOR COMMUNITY HARMONY—July 9 to 24.

A seminar in Human Relations sponsored by the University of British Columbia and the Canadian Council of Christians and Jews. This seminar is intended for persons in positions of responsibility in business, industry, public and private agencies, and community organizations. Study and discussion will focus on interpersonal and intergroup relations, and the development of more effective teamwork for the improvement of relationships among individuals and groups with varied backgrounds and diverse points of view.

Classes:

Afternoons and evenings, each day, July 9-24.

Place:

Physics Building, University Campus.

Fee:

To be announced.

NOTE: Since enrolment will be limited and selective, application should be made by June 15th.

Instructors:

Co-ordinator of the Seminar: Mr. Donald Graham, Director of Forest Hill Village Schools, Toronto. Other leaders will be Mr. Vernon Trott, Psychologist, and Mr. C. R. Brookbank, sociologist and executive director, Western Division, Canadian Council of Christians and Jews.

FAMILY CAMPING—Week-ends July and August.

This is an experimental course planned to help families learn how to camp enjoyably and to make proper use of the increasing facilities provided in the parks of the Pacific Northwest. Camping trips will be made on four week-ends during July and August under the guidance of experienced campers. Families are expected to provide their own equipment and transportation.

FEE: Nominal charge per family.

NOTE: Since registration will be limited, application must be made by June 15.

WORLD UNIVERSITY SERVICE—CANADA SERIES

The World University Service of Canada in co-operation with the Department of Extension, University of British Columbia, offers a one-week series of lectures and discussions on the topic "This Nation Canada."

The programme will give a brief background of Canadian history, geography and economic development, and will lead on to a discussion of the main problems and developments in Canada today. Tours and Field trips will be part of the programme.

Attendance:

While the course is designed primarily for the visitor from abroad and for the New Canadian, Canadian students will also be admitted.

Time:

August 9-14.

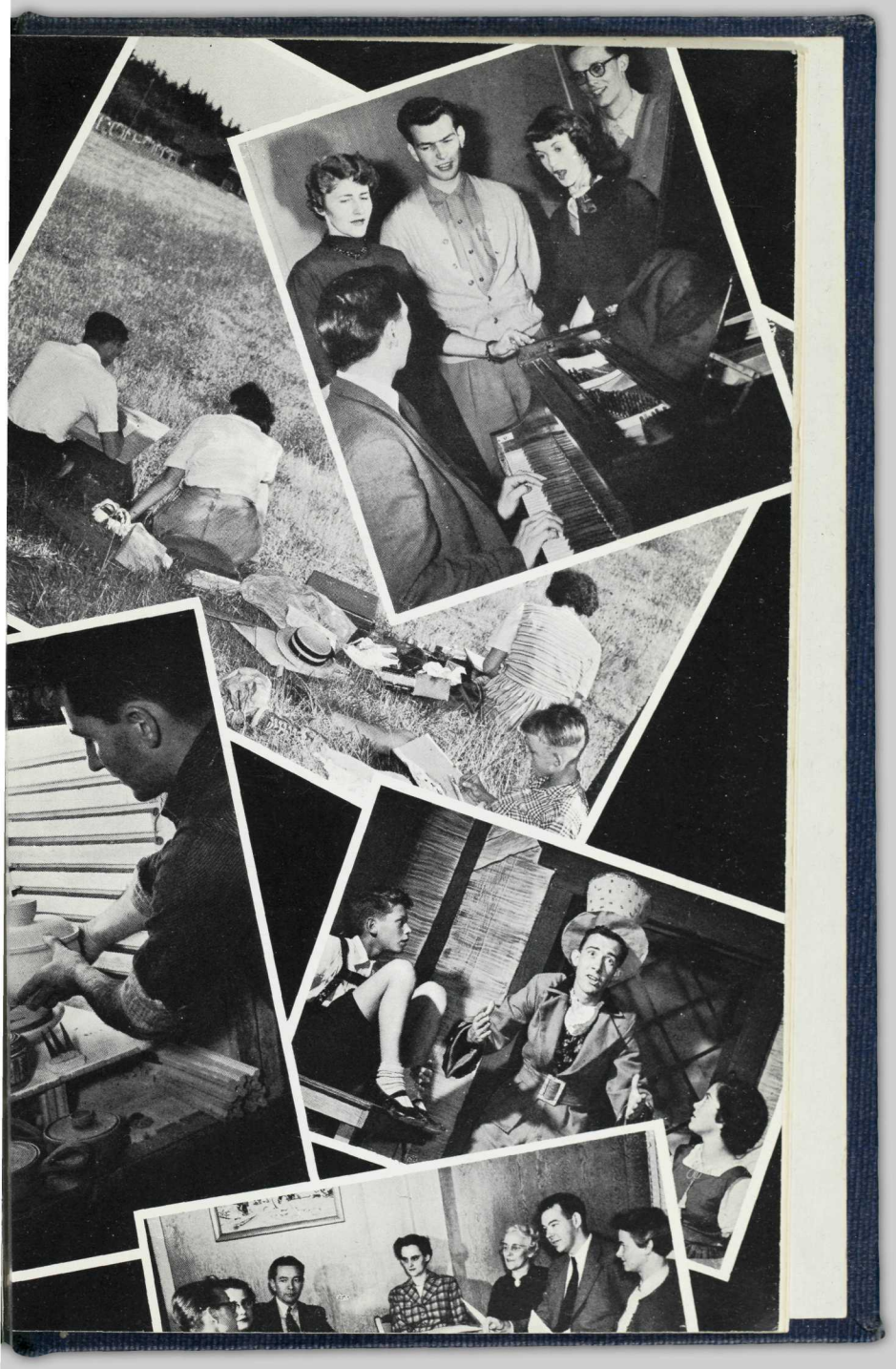
Fees:

$25.00 (includes board and lodging from August 9 to 14).

For further information and application forms, write:

Department of University Extension,

The University of British Columbia,

Vancouver 8, B. C.

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