E UNIVERSITY OF BRITISH COLUMBIA

UMMER SESSION

JUNE 29th to AUGUST 14th

BUCHANAN BUILDING

MEMORIAL GYM PO

PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

Announcement of The Summer Session

SUPPLEMENT TO CALENDAR 1958-1959

***Fortieth Session:* JUNE 29th to AUGUST 14th, 1959**

The University of British Columbia

VANCOUVER 8, CANADA Vol. 44, GENERAL SERIES No. 3

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SUMMER SESSION, 1959

DATES

June		
1st		Last day for registration without late penalty.
29th	Monday	*Last permissible day for registration. Lectures begin at 8:15 a.m.
30th	Tuesday	Summer Session Supplemental Examinations for 1958 will be held in the Law Building at 9:00 a.m.
July		
1st	Wednesday	Dominion Day—University closed.
2nd	Thursday	Last day for changes in students' courses. *All changes must be reported to the Registrar's Office by this date.* General Meeting, Summer Session Association, Auditorium, 11:30 a.m. Lectures and Laboratories cancelled, 11:25 a.m.
6th	Monday	First of series of Library Instruction Lectures Bu.106 at 8:15, 10:25, 1:30. Series continues Tues. and Wed. at same hours.
August		
6th	Thursday	General Meeting, Summer Session Association, Buchanan 106, 11:30 a.m. Lectures and Laboratories cancelled, 11:25 a.m.
12th	Wednesday	Last day of lectures.
13th	Thursday	Final Examinations. There will be three examination periods each day, the third commencing in the late afternoon.
14th	Friday	

*The last day for registration is June 29th—the first day of lectures. A late registration fee of $5.00 will be assessed all students registering after June 1st.

The schedule of student activities sponsored by the Summer Session Association is given on page 17.

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

TIME TABLE OF LECTURES, CREDIT COURSES

Monday to Friday Inclusive

8:15 a.m. - 10:10 a.m.

Course
Chemistry 101
Chemistry 205
Chemistry 300
Commerce 90
Commerce 252
Commerce 371
Economics 308
Education 206 (Section 1) 1st hour
Education 206 (Section 2) 2nd hour
Education 208 (Section 1) 1st hour
Education 208 (Section 2) 2nd hour
Education 305
Education 307
Education 309 (Section 1)
Education 332
Education 333
Education 365
Education 400 (Section 1)
Education 404 (H.E.) (Demonstration School Section 1)
Education 405 (Section 1)
Education 406 (Section 1)
Education 410 (Section 1)
Education 411
Education 461
Education 491
Education 508 (H.E.)
Education 523
Education 533
Education 552
Education 556
Education 565 (Chemistry)
Education 565 (French)
Education 565 (Geography)
English 100/1 (Section 1)
English 200 (Section 1)
English 201 (Section 1)
English 300 (Section 1)
English 412

Course
English 433
Fine Arts 101
Fine Arts 300
Fine Arts 301
French 110/120
French 210/220 (Section 1)
Geography 101
Geography 409
Geology 200
History 101
History 316
Home Economics 105
Home Economics 421
Latin 110/120/210/220/407/530
Mathematics 202
Mathematics 300
Music 201
Music 401
Philosophy 415
Physical Education 101 9:15 a.m.-10:10 a.m. (June 29-August 7)
Physical Education 209 8:15 a.m.-9:10 a.m. (July 22-August 12)
Physical Education 210 8:15 a.m.-9:10 a.m. (June 29-July 20)
Physical Education 244 9:15 a.m.-10:10 a.m. (June 29-July 20)
Physical Education 301 9:15 a.m.-10:10 a.m. (July 22-August 12)
Physical Education 570 9:15 a.m.-10:10 a.m. (June 29-August 12)
Physical Education 583 8:15 a.m.-9:10 a.m. (June 29-August 12)
Physics 101
Political Science 201
Psychology 100
Psychology 301
Theatre 200
Zoology 303

10:25 a.m. - 12:20 p.m.

Course
Classical Studies 331
Classical Studies 433
Commerce 101
Commerce 190
Commerce 376
Commerce 391
Economics 200
Education 305 Laboratory
Education 309 (Section 2)
Education 330
Education 331
Education 404 (H.E.) (Demonstration School Section 2)
Education 404 (English) 1st hour
Education 404 (Social Studies) (2nd hour)
Education 405 (Section 2)
Education 406 (Section 2)

Course
Education 407
Education 412
Education 490
Education 515
Education 519
Education 535
Education 557
Education 558
Education 565 (Mathematics)
Education 570
Education 578
Education 581 (1st hour)
Education 582 (2nd hour)
English 100/1 (Section 2)
English 200 (Section 2)
English 201 (Section 2)
English 300 (Section 2)
English 424

Course
English 434
Fine Arts 200
Fine Arts 300 Laboratory
Fine Arts 301 Laboratory
French 210/220 (Section 2)
French 302
Geography 303 (Section 1)
German 110/120
German 200
German 302
History 102
History 311
Home Economics 300
Mathematics 101
Mathematics 205
Mathematics 308
Music 301
Philosophy 100
Physical Education 140 11:25 a.m. - 12:20 noon. (July 22-August 12)

Course
Physical Education 230 12:30 noon - 1:25 p.m. (July 22-August 12)
Physical Education 313 11:25 a.m. - 12:20 noon. (July 22-August 12)
Physical Education 316 11:25 a.m. - 12:20 noon. (July 22-August 12)
Physical Education 360 10:25 a.m. - 11:20 a.m. (June 29-August 12)
Physical Education 361 11:25 a.m. - 12:20 noon. (June 29-August 12)
Physics 200
Physics 430
Psychology 202
Psychology 401
Psychology 405
Russian 100
Russian 200
Slavonic Studies 404
Theatre 300
Zoology 105
Zoology 303 Laboratory

1:30 p.m. - 3:30 p.m.

Anthropology 310
Bacteriology 100
Biology 332/3
Botany 105
Chemistry 101 Lab.
Chemistry 205 Lab.
Chemistry 300 Lab.
Commerce 151
Commerce 201
Education 400 (Section 2)
Education 404 (H.E.)
(Lect. Section 1) M.W.F.
(Lect. Section 2) M.T.Th.
Education 404 P.E. (2nd hour) (June 29-August 12)
Education 404 (Science)
Education 410 (Section 2)
English 100/1 (Section 3)
English 200 (Section 3)
English 202
English 400
English 407
English 430
English 435
Fine Arts 305
Fine Arts 401/402
Fine Arts 403
French 405
Geography 303 (Section 2)
Geography 304
Geology 200 Lab.

German 90
History 419
History 420
Home Economics 105 Lab.
(Section 1) T.Th. to 4:30 p.m.
(Section 2) W.F. to 4:30 p.m.
Home Economics 300 Lab.
(Section 1) T.Th. to 4:30 p.m.
(Section 2) W.F. to 4:30 p.m.
Mathematics 120
Mathematics 412
Music 302
Music 303
Physical Education 214 1:30 p.m. - 2:25 p.m. (July 22-August 12)
Physical Education 215 1:30 p.m. - 2:25 p.m. (July 22-August 12)
Physical Education 240 1:30 p.m. - 2:25 p.m. (June 29-August 12)
Physical Education 250 3:30 p.m. - 4:25 p.m. (June 29-July 20)
Physical Education 251 3:30 p.m. - 4:25 p.m. (July 22-August 12)
Physical Education 460 2:30 p.m. - 3:25 p.m. (June 29-August 12)
Political Science 300
Sociology 200
Spanish 90
Spanish 110/120/201
Theatre 301
Zoology 302

NOTES:

Art Laboratories

Students taking Fine Arts courses and Education 305 may have access to the Art Rooms, Education 3 and 114, between 3:40 and 5:00.

Home Economics

Demonstration School will be held in University Hill High School, 2896 Acadia Road.

Industrial Arts

See Page 23.

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Admission, Registration and Attendance

CREDIT COURSES

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. (Registration will be denied any applicant who does not comply with the regulations listed below.)

1. Application:

(a) Students registering in the University for the first time:
Obtain from the Registrar's Office an *Application for Admission* form. Return this, duly completed, together with ALL University Entrance Certificates and any higher certificates possessed.
School teachers taking courses for credit either toward a university degree or toward teacher certification must present official transcripts of their matriculation standing, of their professional training and of any university work already completed. British Columbia teachers must, in addition, request the Registrar, Department of Education, Victoria, B. C., to forward to the Registrar of the University a "transfer of credit" statement certifying their status as teachers in this province. An application for such a transfer will be included with all registration material sent from the University.

(b) Students who have previously registered in the University:
Apply by letter stating Session last attended, and programme to which admission is being sought.

(c) Those who have completed work through the Victoria College must arrange to have a transcript forwarded to the University.

2. Registration:

(a) Registration material will be sent to those eligible; registration booklets must be completed fully, including courses to be taken, and returned to the Registrar's Office by June 1.

(b) Registration will not be considered complete unless the registration booklet is accompanied by a cheque to cover the total fee assessed; the cheque may not be post-dated later than June 1, 1959.

(c) All registrants who have not completed registration by June 1 will be assessed the late registration penalty of $5.00; no registration will will be accepted after June 29.

(d) Students who have completed registration will receive a "Library and Identification" card which must be carried by the student at all times during the Summer Session to identify him as a fully registered student.

(e) Applicants who submit a registration booklet by June 1 but who have not also submitted the necessary fees will be assessed a late fee penalty and issued the "Library and Identification" card on payment of fees in full including the late fee of $5.00.

Regulations Governing Credit Courses:

1. The maximum credit for Summer Session work in any one calendar year is 6 units.
2. Credit will not be given toward the B.A. or B.Sc. degrees for courses in Commerce (except 151 and 371), Education, Home Economics, or Physical Education. In the departments of English, Fine Arts, Music, and Theatre some courses are useful for credit only toward the B.Ed. degree.
3. Students must attend regularly the classes in a course for which they register. Those whose unexcused absences from a course exceed one-eighth of its total number of meetings will not be credited with attendance in that course.
4. A student will be granted a supplemental examination in a subject which he has taken during the Summer Session provided (i) he has written the final examination and has obtained a mark of not less than 40%, and (ii) he has obtained 3 units of credit in the session. Supplemental examinations for summer session students will be held on the second day of the following summer session.

FEES

All cheques must be made payable to "The University of British Columbia". Cheques drawn on banks outside Greater Vancouver must include exchange.

All fees are due and payable at time of registration.

A fee of $5.00 for "Late Registration" will be charged all students registering for credit courses after June 1.

Scale of Fees

Course fees, per unit	$22.00
Summer Session Association fee	2.00
Late registration fee	5.00

For example:

(i) a 3 unit course	Total fee $68.00
(ii) a 4½ unit course	Total fee $101.00
(iii) a 6 unit course	Total fee $134.00

NOTE—No refund will be made for fees after July 8th. 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

For Auditors, per unit $11.00

NOTES—

(i) The special fee for Auditors applies only to those courses not sponsored by the Department of Extension.

(ii) Auditors are subject to the Summer Session Association fee of $2.00.

Supplemental Examination, per paper $7.50

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.

NON-CREDIT COURSES

Registration Procedure.

Write to the Extension Department stating the course or courses desired. Prospective students will then be mailed an application form which should be returned at as early a date as possible, the size of some classes being limited.

Fees are payable in full at the first meeting of the class. Fee assessments are under course descriptions.

Students who have not registered by mail may do so at the first meeting of the class if space is available.

Theatre and Dance students seeking credit for Extension courses are reminded that they must register through the Registrar's Office before June 1.

L'ECOLE FRANCAISE, 1959

This school is designed for teachers and others who wish to take courses on French literature and civilization, who feel the need of more instruction in written French, and who wish in particular to gain a practical knowledge of *spoken French*. They should be willing to speak French at all times in the French classrooms where the lectures and seminars are given, and also during certain organized social activities. If campus facilities permit, a French lunch-room will be arranged, where French-speaking people will supervise and direct conversation in French at the noon-hours.

Education 565

3 Units—(Daily schedule: 2 hours lectures, one half-hour at least of supervised work in the language laboratory.)

Pre-requisites: A University degree with at least a minor in French. This course may carry credit for B.Ed., M.A. in Education and M.Ed. degrees.

Efforts will be made to adapt Education 565 to the expressed needs of the teachers. The course will include: Lectures in French on French civilization; oral expression—practical phonetics, diction, everyday words and phrases, conversation, discussion, explication de textes; themes; free composition; discussion of teaching problems.

Instructors: Miss Primeau and Miss Boyles. In the language laboratory: Mrs. E. A. Bird (Genevieve Michel).

Education 365

3 Units—(Daily schedule: 2 hours lectures, one-half hour at least of supervised work in the lanugage laboratory.)

Pre-requisites: French 220, 210 or equivalent. This course may carry credit as one of the electives for the B.Ed. (Elementary).

This course is designed for people who do not possess the requisite amount of French for Education 565 but who are already teaching French, or who hope to teach French, in the Junior High Schools or the Elementary Schools, and who wish further practice in the subject.

Content: Oral practice, conversation, current expressions, practical phonetics, diction; translation; free composition; curriculum and instruction for the teaching of French in the Elementary and Junior High Schools.

It is likely that an elementary demonstration class will be arranged for a part of the two-hour period, during three of the seven weeks.

Instructors: Miss Primeau and Miss Boyles. In language laboratory: Mrs. E. A. Bird (Genevieve Michel).

French 302

3 Units—Composition; syntax; phonetics. (See University Calendar). Professor Eugene A. Joliat (University College, Toronto) and Mrs. E. A. Bird (Genevieve Michel).

French 405

3 Units—The French Enlightenment—A study of French thought from Bayle to Chateaubriand. (See University Calendar.) Professor Roger B. Oake, Head Department of French, Reed College, Portland.

(This is a comparatively new course, the contents of which differ from French 401, Literature of the Eighteenth Century. If a student has already taken French 401, he may earn additional academic credit for French 405, for the B.A. or beyond the B.A.)

Scholarships, Bursaries, Loan Funds

(Open only to students taking regular academic courses)

University Summer Session Bursaries

Twenty bursaries of $50 each are available in the Summer Session, 1959, for students who are taking a full undergraduate course (6 units) of work in the summer session. They will be awarded to undergraduates 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 from the Dean of Administrative and Inter-Faculty Affairs, must be received by the University not later than May 31.

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

A bursary of $75, 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 sessions. 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 from the Dean of Administrative and Inter-Faculty Affairs, must be received by the University not later than May 31. A copy of the last inspector's report must accompany the application.

The Summer Session Association Scholarships

Four scholarships of $100 each, the gift of the Summer Session Association, will be awarded at the close of the summer session to students who have been in attendance at the University during that session and have taken six units in courses leading to an undergraduate degree. The terms of award are as follows:

(1) one scholarship will be awarded to the student who completes the Second Year with highest standing and one to the student who completes the same year with second highest standing. To be eligible a candidate must have taken his entire Second Year by means of University of British Columbia summer session, extra-sessional classes, or correspondence courses;

(2) one scholarship will be awarded to the student who completes the Third Year in Education with highest standing. To be eligible an applicant must have taken his entire Third Year by means of University of British Columbia summer sessions, extra-sessional classes, or correspondence courses;

(3) one scholarship will be awarded to the student who completes the Third Year, in any faculty other than Education, with highest standing. To be eligible a candidate must have taken his entire Third Year by means of University of British Columbia summer sessions, extra-sessional classes, or correspondence courses.

The awards will be made only to those students proceeding to a higher year at the University.

All those who wish to be considered for these awards must submit their names to the Dean of Administrative and Inter-Faculty Affairs before July 31.

The Summer Session Association Loan Fund

The Summer Session Association of 1947 established a loan fund as a trust to be used for a limited number of 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 by June 30 following receipt of the loan, and until this date no interest will be charged. Loans up to a maximum of $100, which may be repaid at any time during the period by assigned instalments, will be granted on the basis of scholarship and financial need. Loans will be made on the recommendation of the Joint Faculty Committee and representatives of the Summer Session Association.

The Dr. H. T. J. Coleman Scholarship

This scholarship, of $100, is offered annually in the summer session, in honour of Dr. H. T. J. Coleman, who contributed greatly to the development of the Summer School at the University. The award will be made by the Scholarship Committee to a student in the Third or higher year who has an outstanding record in one or more of the fields of psychology, philosophy, and education.

Gilbert Tucker Memorial Summer Session Prize

An annual prize of $35 is offered by the Summer Session Association in memory of Professor Gilbert Tucker, who served this University as scholar, historian, and teacher. The award will be made to the student enrolled in a history course in summer session, who, in the opinion of the Department of History, is the most outstanding. It is available for students registered in the Third or a higher year who were not in attendance in the previous winter session.

Scholarships for Summer School of the Arts

For information about scholarships and student assistantships in Theatre, Music and Opera, and Arts and Crafts, see the appropriate sections.

SUMMER SESSION ASSOCIATION

1959 Executive Committee

President - - - - - - - - - - Alf Clinton
1st Vice-President - - - - Julian Fears
2nd Vice-President - - Don McLachlan
Secretary - - - - - - - Frank McPhalen
Treasurer - - - - - - - - - - Bill Baldry
Past President - - - - - - - - Bob Muir
Social Convenor - - - - - - - Gail Ree
Athletic Convenor - - - - Brian Creer
Noon Hour Convenor - - Julian Fears
Resolutions Convenor - - - John Ross
Publicity Convenor - - Yvonne Ziegler
Shop Teachers' Association Representative - - - - - Ed McEwan
Executive Members: Jack Potter, Roy Craven, Marina Greenwood, Cecil Lang.

The Summer Session Association of the University of British Columbia is composed of all persons in attendance at the summer session. All students are required to pay a fee of $2.00 at the time of registration except those attending non-credit, short-term courses, where a fee of $1.00 is assessed.

The Summer Session Association was formed to care for the extra-curricular, intellectual and social requirements of the summer session students, and growth and expansion down through the years have made it of major importance on the summer campus.

The organization provides intellectual, social and recreational 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 for credit and non-credit courses and has made available a considerable sum of money for interest-free 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 Summer Session Association holds two general meetings each summer. The Executive meets weekly during the session and as often as is deemed necessary throughout the year.

The office of the Summer Session Association is located in the Brock Memorial Building and contact may be made there any afternoon during the session. Telephone: ALma 1230. Office hours: afternoons.

Social—Activity Schedule

Activities mentioned and others which may be requested on student interest questionnaires will be offered where sufficient interest in shown at the organization meeting to be held in Arts 100 at 12:20 on Tuesday, June 30. Those interested only in Social Dancing, Bowling, Square Dancing, or the S.S.A. Mixer need not attend this meeting. Since these activities are certain to be well attended no special plans are required. Instruction, equipment and facilities are free except where mentioned.

Activity	*Location*	*Details*
Swimming	Memorial Gym Pool	$2.00 pass required
Diving	Memorial Gym Pool	$2.00 pass required
Bowling	Memorial Gym (S.E. Corner)	Reduced rate
Table Tennis	Memorial Gym (Upper Lobby)	Equipment available at Athletic Office
Weightlifting	Memorial Gym	
Keep Fit Class	Memorial Gym	Gym Shoes required
Volley Ball	Memorial Gym	Gym Shoes required
*Badminton	Memorial Gym	Gym Shoes required Racquets for rent $2.
*Tennis	Memorial Gym Courts (East)	Racquets for rent $2.
Fencing	Women's Gym	
Social Dancing	Women's Gym	
Square Dancing	Women's Gym or Buchanan Patio	Depending on weather
Golf	McInnes Field	Clubs for instruction only. Balls 10c each.
Softball	Memorial Gym Field	
S.S.A. Mixer	Brock Hall	

* Apply at Athletic Office by July 3, return by Aug. 11. Balls or Shuttles available at Club Rates.

Activities will commence Thursday July 2.

Those interested in applying for positions as instructors for the above activities may do so by writing to the activity convenor, Brian Creer, at 4022 W. 27th, Vancouver 8, giving the following information: name, winter and summer addresses and phone numbers, and an outline of experience. If you are qualified to teach activities not listed please mention this fact. Rate: $2.50 per one-hour session.

SOCIAL and ATHLETIC ACTIVITIES

	Monday	Tuesday	Wednesday	Thursday	Friday
12:20 to 1:30	Golf Social Dancing Swimming	Tennis Fencing Diving Softball	Golf Volley Ball Swimming	Tennis Social Dancing Diving Softball	Golf Fencing Swimming
3:45 to 5:00	Tennis Weightlifting	Golf Keep Fit	Golf Weightlifting	Tennis Golf Keep Fit	
5:30 to 6:30	Swimming	Diving	Swimming	Diving	Swimming
Evening	Bowling 7:30	Badminton 7:30-9:30	Square Dancing 8:00-10:00 Calling by Arrangement	Badminton 7:30-9:30	S.S.A. Mixer (Brock)

SUMMER SCHOOL SPECIAL EVENTS CALENDAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
June 29 Lectures begin	**June 30** **12:30 p.m.** S.S.A. Athletic Organizational Meeting Arts 100	**July 1** University closed	**July 2** **11:30 a.m.** S.S.A. General Meeting Auditorium **8:00 p.m.** Fine Arts Lecture Series Buch. 106	**July 3** **9:00 p.m.** S.S.A. Mixer Brock	**July 4**
July 6 **12:30 p.m.** Festival Preview Buch. 106	**July 7** **12:30 p.m.** Festival Preview Buch. 106 **8:00 p.m.** Public Affairs Lecture Series Buchanan 106	**July 8** **12:30 p.m.** S.S.A. Concert Auditorium **7:30 p.m.** S.S.A. Square Dance Women's Gym.	**July 9** **12:30 p.m.** Festival Preview Buch. 106 **8:00 p.m.** Fine Arts Lecture Series Buch. 106 **8:30 p.m.** Jean Erdman's Lecture Demonstration Auditorium	**July 10** **12:30 p.m.** Festival Preview Buch. 106 **9:00 p.m.** S.S.A. Mixer Brock	**July 11**
July 13 **12:30 p.m.** Festival Preview Buch. 106	**July 14** **12:30 p.m.** Festival Preview Buch. 106 **8:00 p.m.** Public Affairs Lecture Series Buchanan 106	**July 15** **12:30 p.m.** S.S.A. Concert Auditorium **7:30 p.m.** S.S.A. Square Dance Women's Gym.	**July 16** **12:30 p.m.** Festival Preview Buch. 106 **6:00 p.m.** C.B.C. Concert Brock **8:00 p.m.** Fine Arts Lecture Series Buch. 106	**July 17** **12:30 p.m.** Festival Preview Buch. 106 **9:00 p.m.** S.S.A. Mixer Brock	**July 18**
July 20 **12:30 p.m.** Festival Preview Buch. 106	**July 21** **12:30 p.m.** Festival Preview Buch. 106 **8:00 p.m.** Public Affairs Lecture Series Buchanan 106 **8:30 p.m.** Dance Recital	**July 22** **12:30 p.m.** S.S.A. Concert Auditorium **7:30 p.m.** S.S.A. Square Dance Women's Gym.	**July 23** **12:30 p.m.** Festival Preview Buch. 106 **6:00 p.m.** C.B.C. Concert Brock **8:00 p.m.** Fine Arts Lecture	**July 24** **12:30 p.m.** Festival Preview Buch. 106 **8:30 p.m.** Student Dance Recital Auditorium **9:00 p.m.** Brock	**July 25**

	8:00 p.m. Public Affairs Lecture Series Buchanan 106 **8:30 p.m.** Evening of Opera Excerpts Auditorium	**12:30 p.m.** S.S.A. Concert Auditorium **7:30 p.m.** S.S.A. Square Dance Women's Gym.	**6:00 p.m.** C.B.C. Concert Brock **8:00 p.m.** Fine Arts Lecture Series Buch. 106	**9:00 p.m.** S.S.A. Mixer Brock	
August 3	**August 4** **8:00 p.m.** Public Affairs Lecture Series Buchanan 106 **8:30 p.m.** Drama Production Frederic Wood Theatre	**August 5** **12:30 p.m.** S.S.A. Concert Auditorium **7:30 p.m.** S.S.A. Square Dance Women's Gym. **8:30 p.m.** Drama Production Frederic Wood Theatre	**August 6** **11:30 a.m.** S.S.A. General Meeting Buch. 106 **6.00 p.m.** C.B.C. Concert Brock **8:00 p.m.** Fine Arts Lecture Series Buch. 106 **8:30 p.m.** Drama Production Frederic Wood Theatre	**August 7** **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Drama Production Frederic Wood Theatre **9:00 p.m.** S.S.A. Mixer Brock	**August 8** **2:00-10:00 p.m.** Students' Exhibi- tion of Painting and Sculpture **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Drama Production Frederic Wood Theatre
August 10 **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre	**August 11** **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Theatre Production Auditorium	**August 12** **12:30 p.m.** S.S.A. Concert Auditorium **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Theatre Production Auditorium	**August 13** **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **6:00 p.m.** C.B.C. Concert Brock **8:30 p.m.** Theatre Production Auditorium	**August 14** **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Theatre Production Auditorium	**August 15** **2:30 p.m.** Children's Theatre Production Frederic Wood Theatre **8:30 p.m.** Theatre Production Auditorium

N.B. August 20 to 22, Opera Production of *"Il Tabarro"* (The Cloak) by Puccini and *"La Cambiale di Matrimonio"* (The Mail-Order Bride) by Rossini.

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 in Western Canada (Armstrong, Port Arthur and west) during the period June 25 — July 1 inclusive; in Eastern Canada (east of Armstrong, Port Arthur, Ont.) during the period June 22 — 27, inclusive. If presented to the Ticket Agent not later than August 18, the certificate, when signed by the Registrar, entitles the holder to purchase a return ticket at one-half of the one-way fare. Tickets for the return journey 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.

LIBRARY INSTRUCTION

It is recommended that all students new to this campus attend one series of three orientation lectures to be given by the staff of the Library in Buchanan 106. Lecture 1 will be given at 8:15 a.m., 10:25 a.m., and 1:30 p.m. on Monday, July 6th. Lecture 2, at the same hours on Tuesday, July 7th, and Lecture 3 on July 8th. They will discuss the resources and use of the Library.

UNIVERSITY HEALTH SERVICE

Wesbrook Building

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

Hospitalization when required is covered by the B.C.H.I.S. Those not eligible for this coverage are charged a fixed rate each day for hospital services.

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 arising during their attendance at summer school. The Health Service cannot assume responsibility for the treatment or investigation of pre-existing conditions.

HOUSING ACCOMMODATION

Housing accommodation at reasonable rates will be available for summer session students who wish board and lodging in ACADIA or FORT camp dormitories or in the permanent men's or women's residences.

Summer Session Rates

(a) Regular Summer Session Course (June 29 to August 14 inclusive)

1. Men's and Women's Camp Dormitories—Fort and Acadia Camp and Permanent Residences. (Apply to Housing Administrator).

		Camp Dormitories	Men's Permanent Residences
Board and residence (flat rates)	Single Room	$102.00	$117.00
	Double Room	$ 95.00	$107.00

2. Women's Residences and Women's Annex — Fort Camp. (Apply to Dean of Women).

Board and residence (flat rates)	Single Room	$117.00
	Double Room	$107.00

The above flat rates cover room from Saturday night, June 27 to August 14, inclusive, and meals from breakfast, Sunday, June 28, to breakfast August 15, inclusive.

Note: Your full board and residence payment should reach the Accounting Department by June 8; otherwise your accommodation can no longer be assured and issuance of your meal pass may be delayed. Meal passes will be available from your Camp Porter before the date required for use if the above regulations have been observed.

(b) Extension Department Short Courses—Men and Women.
Short Courses Summer Session—Fort and Acadia Camps and Permanent Men's Residences.

		Men and Women Camp Dormitories	Men's Permanent Residences
Board and residence per month	Single Room	$65.00	$73.00
	Double Room	$61.00	$68.00

A dormitory deposit of $10.00 will be charged and returned if the room is left in good condition. Apply to Housing Administrator.

All Rates are Payable in Advance

Dormitory deposit of $10.00 is required of all residents and must accompany the application. This $10.00 will be forfeited if a student withdraws his application after June 22.

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

Married Accommodation

Special arrangements will be made for married couples with or without children who plan to attend the summer session. For further information write to the Housing Administrator.

TEACHER CERTIFICATION

All enquiries concerning certification must be directed to the Registrar, Department of Education, Victoria. Attention is drawn to the Departmental circular "Teacher Certification—March 1957" issued to all schools, or to the "1956 Bulletin of the Summer School of Education", and to the Calendar of the University.

Teachers holding the E.C. certificate may qualify for the Interim E.B. by completing either the requirements for First Year Arts and Science (Grade XIII), or the requirements of the Second Year in an Education programme.

In general to fulfill course requirements for the Permanent E.B. certificate teachers whose training has been taken through the Faculty of Education must complete six units of credit in the Third Year in an Education programme (either Elementary or Secondary). Questions concerning the number of courses required by teachers who do not clearly fit the Department's certification regulations must be answered by the Registrar, Department of Education, Victoria.

Under current regulations teachers may qualify for certification by completing a particular year on a degree programme in the Faculty of Education as follows:

Full Second Year	—	Elementary Basic
Full Third Year	—	Elementary Advanced
Full Fourth Year	—	Professional C
Full Fifth Year	—	Professional Basic

Teachers with an acceptable year of professional training may proceed to the Bachelor of Arts degree and qualify for certificates as follows:

Full First Year	—	Elementary Basic
Full Second Year	—	Elementary Advanced
Full Third Year	—	Professional C
Full Fourth Year	—	Professional Basic

In general the completion of a year on other degree programmes will qualify the teacher for a higher certificate.

In the elementary programme the B.Ed. degree is awarded on completion of the Fourth Year. When the requirements of the Five-Year Programme are fulfilled the B.Ed. (Secondary Field) degree is granted.

Attention is drawn to course requirements for the degree programmes as prescribed in the Calendar of the University. Enquiries concerning University course or degree requirements should be directed to the Registrar, University of British Columbia, Vancouver.

APPLICATION FOR TEACHER CERTIFICATION

It must be recognized that responsibility for teacher certification rests with the Department of Education. Before a certificate may be changed application must be made to the Department. Since the type of certificate which may be authorized normally is dependent upon the standing within the University, the Department of Education requires evidence of such standing. Appropriate application forms are available from the Registrar's Office, University of British Columbia, and copies will be provided to individual students with University statements of marks. On receipt of University results the student should complete the "Application for Teacher Certification" together with the application for "Statement of University Standing" and **submit both forms to the Registrar, University of British Columbia.** These forms will then be completed in so far as University records are concerned and forwarded by the University to the Registrar, Department of Education, together with transcripts where necessary, in order that the application for certification can be considered by the Department of Education.

This procedure will save the student, the University and the Department of Education needless duplication of correspondence and forms. **The student will be informed when the two applications have been forwarded to the Department by the University.**

Full details will be found in the form enclosed with the University statements of marks.

INFORMATION FOR INDUSTRIAL ARTS TEACHERS

With the new organization of Industrial Arts teacher training it will be possible to discontinue the offering of the following technical courses at the Summer Session:

Ed. 150—General Shop—will not be offered.
Ed. 404—Teaching the Secondary School Subjects (I.A.)—will not be offered.
Ed. 230—Electricity in Industrial Arts—can be offered two more years.
Ed. 252—Mechanical Drawing—can be offered one more year.
Ed. 350—Technology of Woodworking I—can be offered one more year.
Ed. 351—Technology of Metalworking I—can be offered two more years.
Ed. 352—Mechanical Drawing—can be offered for three to four years.
Ed. 451—Technology of Metalworking II—can be offered for three to four years.

Those individuals requiring these courses for certification would be well advised to complete them as soon as possible.

SUGGESTED TIME TABLE FOR SUMMER SCHOOL, 1959

Morning

Number	Course	Time
230	Electricity in Industrial Arts	9-12
252	Mechanical Drawing	8-12
450	Technology of Woodworking II—Cabinetmaking	8-12
451	Technology of Metalworking II	8-12
452	Technology of Woodworking III—Building Construction	8-12

Afternoon

Number	Course	Time
350	Technology of Woodworking I	1-5
351	Technology of Metalworking I	1-5
352	Mechanical Drawing	1-5
354	Oxy-Acetylene and Arc Welding	1-5
453	Auto Mechanics	1-5

EMERGENCY SUMMER SESSION TEACHER TRAINING PROGRAMME FOR HOME ECONOMICS GRADUATES

Persons holding an acceptable Bachelor of Home Economics degree may complete teacher-training for the Professional Basic certificate through ***three summer sessions*** of prescribed work totalling 18 units. All work must be completed in residence through summer-session. Extra-sessional courses may not be credited. Those enrolling for their first summer session of work in 1959 are expected to complete the second and third summers in 1960 and 1961.

Home Economics graduates are advised to take the regular winter-session basic teacher-training course for graduates, rather than the emergency summer session programme, wherever possible.

1. ***Home Economics graduates enrolling for the first summer session are requested to take the following courses:***
   (1) Education 404—Curriculum and Instruction (Home Economics) 3 units
   (2) Education 410—An Introduction to School Administration 3 units
   Those who have taken Education 404 concurrently with their degree should take Education 410 and either Education 400 or Education 332.

2. ***Home Economics graduates who have completed one summer session of the required courses should enrol for their second session in the following courses:***
   (1) Education 400—Survey of Educational Thought 3 units
   (if not completed previously) and
   (2) One of the following—
   Education 332—Psychology of Adolescence 3 units
   Education 411—Guidance and Counselling Services 3 units
   Education 461—Diagnostic and Remedial Teaching 3 units
   Education 206, 208—Speech, and Audio-Visual Techniques 3 units

3. ***Home Economics graduates who have completed two summer sessions of the required courses should enrol for their third summer session in the following courses:***
   (1) Education 400—Survey of Educational Thought 3 units
   (if not completed previously) and
   (2) One of the following—
   Education 411—Guidance and Counselling Services 3 units

Education 461—Diagnostic and Remedial Teaching ..... 3 units
Education 206 & 208—Speech, and Audio-Visual Techniques 3-units
Education 332—Psychology of Adolescence ..... 3 units
Education 508—Review of Research in Methods of Teaching Home Economics ..... 3 units

Note: Home Economics graduates who expect to complete their basic teacher training by this temporary summer session programme must do so by the end of the summer session of 1961. After that date ***all basic teacher training*** in Home Economics will be given in regular winter session of the Faculty of Education.

TEACHERS WITH ELEMENTARY BASIC CERTIFICATES TRAINING TO TEACH HOME ECONOMICS

Summer session courses available in 1959 for prospective teachers in Home Economics holding Elementary Basic certificates are:

Education 404—Curriculum and Instruction (Home Economics ..... 3 units
Home Economics 105—Food Management I ..... 3 units
Home Economics 300—Home Management I ..... 3 units
Home Economics 421—Child Development and Family Relations ..... 3 units

It is desirable that teachers have completed a number of courses in Home Economics before undertaking Education 404. Education 404, however, should be completed before a teacher commences to teach Home Economics subjects. In those cases, therefore, where a teacher holds Elementary Basic certification and expects to commence to teach Home Economics subjects in the Fall of 1959, Education 404 should be taken concurrently with the Home Economics course.

1. Teachers holding E.B. certificates who wish to train to teach Home Economics should start on a Major in Home Economics—Bachelor of Education programme—by enrolling at 1959 Summer Session in H.E. 105 (Laboratory Section 2) and concurrently in Ed. 404 (Demonstration School Section 2 and Laboratory Section 2).
2. Teachers with E.B. certificates who have already taken some of the Home Economics courses listed towards their Major in Home Economics, but have not taken Ed. 404, should choose Ed. 404 plus three units of Home Economics content not taken previously.
3. Teachers who have completed Ed. 404 and all but HE 421 of the Home Economics courses listed, should enrol for HE 421 and consult the Registrar of the University of British Columbia as to which other course(s) to take on their Bachelor of Education programme.

It is preferable that students avoid enrolling in two Home Economics courses concurrently.

In order that E.B. teachers starting on a three-year summer session may plan their selection of courses, the planned rotation of course offerings is shown in the following schedule:

1960	1961	1962
H.E. 102/104	H.E. 105	H.E. 102/104
H.E. 101/403	H.E. 300	H.E. 101/403
Ed. 404	H.E. 421	Ed. 404
Ed. 508	Ed. 404	Ed. 508
	Ed. 508	

Courses of Study

ANTHROPOLOGY

310. Ethnography of Eastern and Southern Asia.

Racial, linguistic and cultural relationships of the people of Eastern and Southern Asia. The rural economies, patterns of family life, government and social organizations. Emphasis on ethnography of India and Indians overseas.

Prerequisites: Anthropology 200 or instructor's consent.

Ten hours lectures a week—3 units.

Mr. Mayer.

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.

Miss Gerwing.

BIOLOGY

332. Introduction to Genetics.

A course of lectures serving as an introduction to the principles, methods and applications of genetics. Time will be devoted to some consideration of heredity in man.

Text-book: Winchester, *Genetics.* (2nd edition).

Prerequisite: Botany 105 or Zoology 105.

Ten hours lectures a week—2 units.

Miss Cole.

333. Laboratory in Introductory Genetics.

Designed for students who wish laboratory work in the principles, methods and applications of genetics. Planned to supplement Biology 332 which must be taken either concurrently or previously.

Text-book: Winchester, *Genetics Laboratory Manual.*

Prerequisites: Botany 105 or Zoology 105. (or Biology 100).

Normally Biology 332 and 333 must be taken together.

Eight hours laboratory a week—1 unit.

Miss Cole.

BOTANY

105. Introduction to Botany.

General perspective of the plant kingdom, physiological anatomy, ecological relations and development trends.

Text-book: Hill, Overholts and Popp, *Botany,* McGraw-Hill.

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

CHEMISTRY

101. General Chemistry.

Fundamental theories, periodic table, descriptive inorganic chemistry, chemical calculations, modern valency concepts, elementary nuclear chemistry.

Text-books: Sienko and Plane, *Chemistry*, Pierce and Smith, *General Chemistry Workbook*; Malm and Frontz, *General Chemistry in the Laboratory*.

Prerequisites: Mathematics 100, 101 or 120 must precede or be taken concurrently.

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

Mr. Daggett.

205. Physical-Inorganic and Analytical Chemistry.

Systematic inorganic chemistry, properties of matter from a kinetic standpoint, equilibria in solution, physical chemistry useful in biological, medical and related sciences.

Prerequisites: Chemistry 101 or 102, and Mathematics 101 or 120.

Credit will not be given for both Chemistry 200 and 205.

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

Mr. Gilreath.

300. Organic Chemistry.

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

Text-book: Noller, C. R., *Textbook of Organic Chemistry*, or for specialists, *Chemistry of Organic Compounds*.

Prerequisite: Chemistry 200 or 205.

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

Mr. Kilgour.

See also: Education 565 (Chemistry).

CLASSICAL STUDIES

331. Ancient History.

The rise of the Greek city-states; special emphasis on the political, economic, and cultural achievements of the fifth and fourth centuries B.C.; the growth of Rome and the development of her political institutions during the Republic; the social and economic history of the Empire; the transition from the classical to the mediaeval world.

May be accepted for credit in History.

Text-book: Trevor, *History of Ancient Civilizations*, Vols. I and II. (Harcourt, Brace and Company).

Ten hours lectures a week—3 units.

Mr. McGregor.

433. Greece.

This course is a detailed study, in discussion, of the Greek city-states, their political and cultural evolution, their decline, and their permanent contribution to western civilization.

Historiography and historical method will be important subjects of study. Emphasis in reading and discussion will be placed upon the ancient source-materials.

May be accepted for credit in History.

Ten hours lectures a week—3 units.

Mr. Eliot.

COMMERCE

NOTE: *Courses in Commerce may not be taken for credit toward the B.A. or B.Sc. degrees except Commerce* 151 *and* 371.

90. Typewriting Techniques, Practice and Methods.

Basic operating skills, techniques of classroom instruction and management of typewriting classes in secondary schools.

For credit only on B.Ed. (Sec.) and B.Com. (Teaching Option).

Limited to 40 *students.*

Text-books: Lessenberry & Crawford, *20th Century Typewriting (6th Edition);* Lessenberry & Crawford, *Manual for 6th Edition,* W. J. Gage & Co., Toronto.

101. Shorthand Techniques, Practice and Methods.

Theory of Pitman shorthand. Development of skill to a minimum standard of 75 words per minute. Methods of instruction for secondary schools.

For credit only on B.Ed. (*Sec.*) *and B.Com.* (*Teaching Option*).

Text-books: *Basic Course in Pitman Shorthand; Progressive Skill Development; Shorthand Dictation and Transcription.* Sir Isaac Pitman & Sons (Canada) Ltd., Toronto.

Pre-reading Required: First 25 lessons of basic course.

Ten hours lectures a week—3 units.

Mr. Goldie.

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.

Students registering for Commerce 151 are strongly advised not to attempt any additional course.

Text-book: Finney and Miller, *Principles of Accounting—Introductory.* Fourth Edition. Thomas, *Practice Set.*

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

Mr. Blaine.

190. Fundamentals of Business.

Introduction to the basic concepts and techniques of business functions and organization.

For credit only on B.Com.

Ten hours lectures a week—3 units.

Mr. Warren.

201. Secretarial Practice.

The development of advanced typewriting, shorthand and transcription skills, office routines, business forms, reports, correspondence, filing, business machines. The training of office workers.

For credit only B.Ed. (*Sec.*) *and B.Com.* (*Teaching Option*).

Limited to 30 *students.*

Text-books: Rowe & Lloyd, *Gregg Typing New Series Complete Course;* Pitman Shorthand *Dictation and Transcription* (Pitman's).

Pre-reading Recommended: Review of Shorthand Theory and Short Forms.

Prerequisites: Commerce 90 and Commerce 101 or equivalent.

Ten hours lectures a week—3 units.

Miss McLeod.

252. Intermediate Accounting.

Principles and practices of valuation and presentation of financial statements; analytical procedures, reports, ratios and measurements in statement presentation; elements of cost accounting and consolidation. A terminal course.

Prerequisite: Commerce 151.

For credit only on B.Ed. (Sec.).

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

Mr. Bain.

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.

376. Personal and Business Finance.

An examination of the instruments of business and personal finance and a study of the methods of presenting these topics to high school students. Form and instruments of business finance, life insurance, banking, investments, mortgages, wills, trusts, estate planning, general insurance, real estate. Special project assignments. Field trips.

Personal and Business Finance, given by members of the Faculty of Commerce and Business Administration staff, is a course designed especially for teachers of Mathematics, Social Studies, Health and Personal Development and Business Fundamentals. It will provide them with a wealth of background information that is highly functional in their personal affairs; it will help them to organize this material for the enrichment of their teaching.

For credit only on B.Ed. (Sec.) and B.Com. (Teaching Option).

Text-book: Hanson and Cohen, *Personal Finance;* Irwin, *Principles and Case Problems.*

Ten hours lectures a week—3 units.

Mr. Heywood.

391. Office Management.

Office organization, planning and production problems, layout, equipment, work analysis and simplification, office services. Personnel management. Design and control of office forms. Office manuals. Budgetary control. Problems and cases.

For credit only on B.Ed. (Sec.).

Text-book: Neumer & Haynes: *Office Management.* Southwestern Pub. Co., W. J. Gage & Co., Toronto.

Ten hours lectures a week—3 units.

Mr. Glover.

ECONOMICS

200. Principles of Economics.

The institutions, processes and agencies which provide for our individual and collective well-being; basic determinants of real and money incomes, employment and living standards; accumulation and distribution of gross national product and national income; costs and revenues of the firm, etc.

Text-book: Samuelson, *Economics* (3rd Edition). Selected readings may be assigned.

Prerequisite: Mathematics 91 of high school or Mathematics 100.

Ten hours lectures a week—3 units.

Mr. McIvor.

308. Money and Banking.

Origin and value of money media, the functions of banks; determinants of exchange rates; measures of purchasing power and problems of monetary management.

Text-book: Thomas, *Our Modern Banking and Monetary Systems* (3rd Ed.); Sayers, *Modern Banking* (3rd Ed.); McIvor, *Canadian Monetary Banking and Fiscal Development;* Hackett, *Background of Banking Theory* (Canadian Bankers Association).

Prerequisite: Economics 200.

Ten hours lectures a week—3 units.

Mr. Gordon.

EDUCATION

Note: Courses in Education may not be taken for credit toward the B.A. or B.Sc. degrees. For information concerning the requirements of the majors and prerequisites for graduate work see the 1959-60 Calendar.

206. Speech Training and Voice Production.

This course is designed to help those with normal speech to make better use of their voices in school. This course is concerned with the physiology and mechanics of good voice production and the art and skill of efficient and effective class instruction and public speaking. A good deal of practical work using tape recorders will be carried on. For those with speech impediments and irritating voice habits special remedial classes will be held. The course will also provide some instruction in the training of good speech with children and in speech therapy.

Limited to 25 *students in each of two sections.*

Text-book: Karr, H., *Developing Your Speaking Voice.*

Five hours lectures a week—1½ units

Mrs. Campbell, Miss Emberton.

208. Audio-Visual Techniques in Education.

In this course the general theory of the audio-visual appeal to children and the best methods of using materials to stimulate thought and incite further enquiry, are given special attention. The development of interest and motivation as well as attempts to retain a sense of reality in education are discussed in detail. Practical work is also very important both in the handling of apparatus and in the construction of materials.

Text-book: Edgar Dale, *Audio-Visual Methods in Teaching* (revised), Dryden Press.

Five hours lectures a week—1½ units.

Mr. Henderson.

305. Art Education.

A study of the growth and development of art education, discussion and use of various art media; the function and purpose of art in school and society; practical studio activities; modern methods and curricula in art education, grades I-XII.

Limited to 25 students, preference to students with major in Art.

Text-book: *Creative and Mental Growth,* Lowenfeld.

Prerequisite: Ed. 205 or Normal School Diploma.

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

Miss McLeish.

307. Music Education.

A study of modern methods, materials and objectives pertaining to the teaching of music in elementary and high school grades. Philosophy and history of music teaching in Canada.

Text-book: Sur, William R. and Schuller, Charles F., *Music Education for Teen-agers,* Harper and Bros., N.Y. 1958.

Pre-reading Recommended: Nye, Robert E. and Nye, Vernice, *Music in the Elementary School,* Prentice-Hall, 1957.

Ten hours lectures a week—3 units.

Mr. Sur, Mr. Bird.

309. General Science for Elementary Teachers.

General science as a systematic study of our environment and man's relation to it. Covers such topics as living things, matter, energy, earth science, the universe and conservation of resources, with special emphasis upon changes that have occurred in the environment and the extent of man's control thereof. Particular care will be given to the methods and techniques of science, the improvisation and acquisition of necessary equipment, utilization of community resources, intra and extra classroom activities. Field trips are included in the course.

Limited to 26 students in each section.

Text-book: Gerald S. Craig, *Science for the Elementary School Teacher.*

Ten hours lectures a week—3 units.

Mr. Young, Mr. Boughton.

330. The British Columbia School System.

This course is primarily designed for teachers from outside British Columbia who are seeking permanent British Columbia certification and who wish to become familiar with the organization and administration of the education curriculum and school law and regulations. This course is accepted by the Department of Education as fulfilling its requirements for permanent certification for teachers with certificates from other Provinces.

Text-book: *Manual of School Law,* 1958.

Prerequisite: Restricted to out-of-Province teachers.

Ten hours lectures a week—3 units.

Mr. Chell.

331. Psychology of Childhood.

Mental, social, emotional and physical characteristics of pre-school and elementary school pupils; their interests and problems; implications for organization and administration of school systems.

May be taken in place of Psychology 301 in a B.Ed. programme.

Text-book: Elizabeth B. Hurlock, *Child Development, 3rd Edition;* William E. Blatz, *Understanding the Young Child, 1944.*

Ten hours lectures a week—3 units.

Mr. Grapko.

332. Psychology of Adolescence.

This course is designed to increase the teachers' understanding of the physiological, psychological, social and educational aspects of adolescence. The approach will be mainly analytical and theoretical, but the implications of theory for educational practice will be stressed. Review of research in adolescence and extended reading in adolescence will be required.

Text-book: K. C. Garrison, *Psychology of Adolescence,* Prentice-Hall (5th Edition).

Ten hours lectures a week—3 units.

Mr. Trott.

333. Special Problems in Pre-School Education.

A course designed specially for those interested in pre-school and nursery education. Educational and emotional needs of young children are used as a basis for a discussion of the planning and organization of a nursery school and kindergarten classrooms and playgrounds. Opportunities for observation in a demonstration school will be a part of the course.

Text-book: Gans Slendler, *Teaching Young Children.*

Ten hours lectures a week—3 units.

Miss Allen.

365. Oral French for Elementary Teachers.

A course designed to meet the needs of those planning to teach French in the Elementary school and for those who need additional work in teaching by the direct method in secondary schools.

Prerequisites: French 220, 210 or equivalent.

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

Miss Boyles, Mrs. Bird and Miss Primeau.

400. Survey of Educational Thought.

A combined course in the history and philosophies of Education. A three-fold classification of educational theories or philosophies is used to provide a framework for the course. Each school of educational thought in turn is studied through representative educators chosen from each of the principal periods in the history of education and in the writings of one or more contemporary leaders of educational thought. The influences of educational theories upon actual classroom practice will also be considered.

Required Pre-reading: Any history of philosophy.

Text-book: *54th Year-book of N.S.S.E. Part I (1955) Modern Philosophies of Education.*

Ten hours lectures a week—3 units.

Mr. Penner, Mr. Garfinkle.

404. Curriculum and Instruction in the Secondary Schools.

English:

Text-book: Don M. Wolfe, *Creative Ways to Teach English Grades 7 to 12* —The Odyssey Press.

Five hours lectures a week—1½ units.

Miss Cottingham.

Home Economics:

Demonstration School Section 1:

Home Economics graduates or those with more than 6 units of Home Economics.

Demonstration School Section 2:

Those with less than 6 units of Home Economics, or who are taking Home Economics 105 concurrently.

Limited to 50 *students.*

Miss Maynard, Miss Hall.

Physical Education.

Text-book: Irwin, *The Curriculum in Health and Physical Education.*

Prerequisite: Completion of a major in Physical Education.

Five hours lectures a week—1½ units.

Mr. Whittle.

Social Studies.

Textbooks: C. P. Hill, *Suggestions on the Teaching of History*, UNESCO publication, 1953; N. V. Scarfe, *A Handbook of Suggestions on the Teaching of Geography, UNESCO* publication.

Five hours lectures a week—1½ units.

Miss Cottingham.

Science.

Course will include demonstrations.

Required Pre-reading: *Programme of Studies—The Sciences 1956.*

Ten hours lectures a week—3 units.

Mr. Chapman.

405. Curriculum and Instruction in the Kindergarten and Primary Grades —Advanced.

Study of the trends and problems dealing with personality development, classroom management, the language arts, arithmetic, science, social studies, music and art, in the kindergarten and primary grades.

Prerequisite: Education 203 or equivalent.

Text-book: Warner, *The Child and His Elementary School World.* Prentice-Hall, 1957.

Ten hours lectures a week—3 units.

Miss Bowers, Mrs. Birkett.

406. Special Problems in Teaching Intermediate Grades.

This course is designed for a more advanced study of the intermediate grade pupils and curriculum. Current research findings on capabilities of children with special emphasis on the tool subjects such as reading. Intermediate grade organization for pupil progress according to individual learning rates. Evolution of learning and appraisal of new curriculum practices.

Ten hours lectures a week—3 units.

Mr. McGechaen, Mr. Clague.

407. Special Problems in Teaching the Mentally and Physically Handicapped

A course designed to give teachers an understanding of the characteristics and learning abilities of mentally and physically handicapped children. It will include definition, diagnosis, classification, educational research, the organization of classes, curriculum and methods of instruction at elementary and secondary levels. Attention will be given to procedures for guidance and evaluation.

Text-book: H. Baker, *Introduction to Exceptional Children* (revised edition, 1953), MacMillan.

Ten hours lectures a week—3 units.

Mr. Richardson.

410. An Introduction to School Administration.

The functions and duties of inspectors, supervisors, counsellors and principals in the modern school. The development of good harmonious working relations with pupils, teachers, parents, the Department of Education and trustees is emphasized. The organization of a school time table, the development of school council, the promotion of an orderly programme of extra-curricular and co-curricular activities are considered.

Open only to Home Economics graduates and students of Industrial Arts.

Text-books: *Administrative Bulletins, Elementary and Secondary,* Department of Education, and *Introduction to Educational Administration.*

Ten hours lectures a week—3 units.

Mr. D. Smith, Mr. O. J. Thomas.

411. Guidance and Counselling Services in Schools.

A survey of the function and purpose of guidance, and some of the methods employed. A detailed study of the various services and materials available to teachers.

Limited to 50 *students.*

Ten hours lectures a week—3 units.

Mr. Barry.

412. Introduction to Adult Education.

A survey of present agencies practising adult education in this society, and of the peoples and parties involved. The conditions under which adult education has developed in this society and the relevant research in the social sciences will be considered.

Text-book: J. R. Kidd, *Adult Education in the Canadian University (CAAE) 1956,* H. Grattan, *In Quest of Knowledge (New York Assoc. Press, 1953).*

Pre-reading Recommended: *In Quest of Knowledge. Parts* 1 *and* 2. Grattan, C.H.

Ten hours lectures a week—3 units.

Mr. Boyes.

461. Diagnostic and Remedial Teaching.

Educational objectives appropriate to different levels of pupil abilities and interests. Definitions of achievement. Interpretation of informal and standardized test scores in educational diagnosis. Estimates of actual and optimum levels of individual achievement. Individual differences in abilities, personality and experience as factors affecting performance. Methods of encouraging the optimum achievement of individuals. Methods and practice materials for the remedial teaching of Reading, Mathematics, Spelling and English in the elementary and secondary school.

Text-book: L. J. Brueckner & G. L. Bond, *The Diagnosis and Treatment Learning Difficulties,* New York, Appleton-Century-Crofts, 1955.

Ten hours lectures a week—3 units.

Mr. McAllister.

490. The Library in the School.

The objectives, functions and administrations of libraries in elementary and secondary schools. The course is designed to offer prospective teacher-librarians basic instruction in planning and equipping the school library, in performing the various technical operations, and in making the library an educational force in the school.

Text-books: Douglas, Mary P., *Teacher Librarian's Handbook*, American Library Association; Province of British Columbia Department of Education, Division of Curriculum, *Library Manual for the Public Schools of British Columbia.*

Ten hours lectures a week—3 units.

Mrs. McAllister.

491. The Acquisition and Organization of Library Materials.

The principles and methods of building and organizing school library collections. The course aims to develop the ability to select and acquire a wide variety of library materials and to catalogue and classify them in accordance with the needs of the school programme.

Text-book: Douglas, Mary Peacock, *The Teacher-Librarian's Handbook.*

Ten hours lectures a week—3 units.

Mr. Lanning.

508. Review of Research in Methods of Teaching Specific School Subjects. Home Economics.

Recent developments in Home Economics subject matter and teaching methods. Designed to bring teachers up-to-date in new advances and recent findings in the field.

For credit only in the Faculty of Education.

Prerequisite: Degree in Home Economics and two years teaching experience.

Ten hours lectures a week—3 units.

Miss Wohlgenant.

515. Historical and Comparative Foundations of Adult Education.

The historical background of adult education in this and other societies with close attention to the conditions under which it arises and the expectations for the future. The gathering of relevant research material will be a large part of this course.

Text-book: Gratten, *In Quest of Knowledge; Report of meeting of Reconstruction Adult Education Committee.*

Prerequisite: Education 412.

Ten hours lectures a week—3 units.

Mr. Waller.

519. History of Canadian Education.

The historical growth of public education in Canada from the French regime to the present. The development both of our provincial public school systems and of the Canadian educational thought and practice.

Text-book: C. E. Phillips, *The Development of Canadian Education.* Gage.

Ten hours lectures a week—3 units.

Mr. Johnson.

523. Comparative Education.

Philosophy, organization and methods of education in selected foreign countries compared with the Canadian system.

Limited to 50 *students, preference to Master's candidates.*

Prerequisites: Education 400 and/or 410.

Text-book: Cramer and Browne, *Contemporary Education,* Harcourt, Brace and Company, 1956.

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

Mr. Katz.

533. Psychology of Exceptional Children.

Physical, mental, social and emotional characteristics of exceptional children (gifted, backward, crippled, hard-of-hearing, etc.).

Prerequisite: Education 407 or 408.

Text-books: *Education of Exceptional Children and Youth,* edited by Cruickshank & Johnson, Prentice-Hall Inc., 1958. Supplemental reading: Michal-Smith, Harold, *Management of the Handicapped Child,* New York, Grune and Stratton, 1957.

Ten hours lectures a week—3 units.

Miss Rosebrook.

535. Evaluation.

Basic principles; tests and other instruments for measuring instruction.

Text-books: Edward J. Furst, *Constructing Evaluation Instruments,* Longmans, Green and Co., N.Y. Lefever and Carnes, *Measurement and Evaluation, A Workbook.*

Ten hours lectures a week—3 units.

Mr. Lefever.

552. Mental Hygiene in the School.

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

Text-book: H. C. Lindgren, *Mental Health in Education* (1954).

Pre-reading Recommended: D. A. Prescott, *Emotion and the Educational Process.*

Ten hours lectures a week—3 units.

Dame Olive Wheeler.

556. Administration of School Systems.

A study of research projects on school administration procedures. Public relations. School finance.

Ten hours lectures a week—3 units.

Mr. Toombs.

557. Administration and Supervision of the Elementary School.

The work of the principal, supervisors and inspectors in the improvement of instruction and administration.

Ten hours lectures a week—3 units.

Mr. McKenzie.

558. Administration and Supervision of the Secondary School.

The work of the principal, supervisors and inspectors in the improvement of instruction and administration. Harmonious human relations within the school.

Text-books: Jacobson, et al., *Duties of School Principals;* Burton and Brueckner, *Supervision.*

Ten hours lectures a week—3 units.

Mr. Inkster.

565. Special Course in a Subject Matter Field.

Courses in various subject matter fields designed to bring teachers up to date in new advances and recent findings in each field. See also Physics 430 (Recent Developments in Physics).

For credit only in the Faculty of Education.

Chemistry.

Modern aspects of chemistry. A refresher course for high school science teachers. Afternoon demonstrations.

Prerequisites: Chemistry 101, 200 and Physics 101. It is desirable that all intending students should have a degree with at least a major in a science.

Pre-reading Required: Pauling, *General Chemistry;* Sienko and Plane, *Chemistry.*

Ten hours lectures a week and demonstration hours as arranged—3 units.

Staff of Chemistry Department.

French Language. (See L'école Française, Page 13).

Prerequisite: A University Degree with at least a minor in French.

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

Miss Boyles, Mrs. Bird.

Geography.

Recent devolopments in Geography.

Ten hours lectures a week—3 units.

Mr. Moodie.

Mathematics.

Mathematics as a language; mainly problems in elementary algebra and analytic geometry. Beginnings of the integral calculus. Maxima and minima without differential calculus. Sets, probability and statistics. Methods of problem solving, historical viewpoints, emphasis on topics appropriate to the high school.

Text-books: None. (Collateral reading recommended, but not required: G. Polya, *How to Solve It,* Doubleday; *Mathematics and Plausible Reasoning* (2 vols.), Princeton University Press).

Prerequisites: A good knowledge of high school mathematics, including graphing of functions and some solid geometry. (Not required but very desirable: some knowledge of analytic geometry and calculus and some teaching experience).

Ten hours lectures a week—3 units.

Mr. Moyls.

570. Educational Sociology.

Individual and social aims, the community and education, education and internationalism, social problems of administration and control.

Text-book: Havighurst, R. J. and Newgarten, B. L., *Society and Education,* Allyn and Bacon Inc. 1957, Boston.

Ten hours lectures a week—3 units.

Mr. C. E. Smith.

578. Theories of Guidance and Counselling.

Objectives; gathering and using information concerning students; counselling; articulation of different forms; contributions of teachers, principal and specialists; analysis of typical guidance programmes. Review of recent thought and experiment on counselling.

Ten hours lectures a week—3 units.

Mr. Cheney.

581. Methods of Educational Research.

Techniques of conducting and interpretation of research in education; documentary, survey and experimental methods considered; standards in thesis writing; critique of published research.

Open routinely only to M.A. candidates. Others by special permission only.

Text-book: Good and Scates, *Methods of Educational Research.*

Five hours lectures a week—1½ units.

Mr. McIntosh.

582. Educational Statistics.

Frequency distribution, measures of central tendency; measures of variability; the normal probability curve; elementary sampling theory; correlation; partial and multiple correlation; application of statistical theory to problems of educational measurement.

Open routinely only to M.A. candidates. Others by special permission only.

Five hours lectures a week—1½ units.

Mr. McIntosh.

INDUSTRIAL ARTS COURSES

230. Electricity in Industrial Arts.

A course in basic electricity to prepare the Industrial Arts instructor to teach electricity at the Junior High School level. The course is divided into two parts; namely elementary electrical theory and electrical shopwork. The theory portion deals with elementary electrical circuits, magnetism, D.C. motors and generators and electronics, while the shopwork is a series of problems done in the laboratory to illustrate basic principles in electricity.

Limited to twenty students.

Text-book: *Electric Circuits and Machines,* Eugene Lister, McGraw-Hill.

Prerequisite: Education 150.

7½ hours lectures and 7½ hours laboratory a week—3 units.

Mr. Hambrook.

252. Mechanical Drawing I.

A course to develop skills and knowledge in the following: freehand lettering; orthographic projection; auxiliary views; isometric and oblique drawing; dimensioning; conventional practices; detail and assembly, scale and freehand working drawings of machine parts and cabinetwork; parallel and radial line development, penetrations, reproducing drawings.

Limited to thirty students.

Text-book: J. S. White, *Draughting for Canadian Schools.*

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

Mr. McKenzie.

350. Technology of Woodworking I.

A course in elementary hand woodworking and the use of the more common woodworking machines. Attention is given to project planning, teaching aids, tool maintenance, shop management, wood finishing and wood turning skills.

Limited to twenty students.

Text-books: Hamilton, *Woodwork for Junior High Schools;* Wishart, *Woodwork Practice and Theory.*

Prerequisite: Education 150.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Collins.

351. Technology of Metalworking I.

Common ferrous metals and their alloys; elementary metallurgy; benchwork; grinding; drill press; lathework; sheet metalwork; art metalwork; forging; heat treatment metal finishes. Attention is given to project planning, teaching aids, tool and machine maintenance and shop management.

Limited to twenty students.

Text-books: H. A. Jones, *Metalwork for Grades VII, VIII and IX;* H. A. Jones, *Machine Shop Practice,* Book 1.

Prerequisite: Education 150.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Aldridge.

352. Mechanical Drawing II.

(a) Geometry: advanced geometrical principles of parallel line, radial line, triangulation and approximate developments as applied to sheet metalwork, (b) Architectural Drawing: simple building problems, floor plans, elevations and details of small frame house construction; N.H.A. specifications, (c) Working Drawings: further problems in machine and furniture making draughting.

Limited to thirty students.

Text books: J. S. White, *Draughting for Canadian Schools; Housing Standards,* Division of Building Research, National Research Council, Ottawa.

Prerequisite: Education 252.

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

Mr. Durose.

354. Oxy-Acetylene and Arc Welding.

(a) Oxy-Acetylene Welding: set-up, care and maintenance of oxy-acetylene welding apparatus; fusion welding mild steel; flame cutting; welding mild steel pipe; testing and inspection of welds; hard facing; bronze welding; silver alloy brazing; welding cast iron and aluminum, (b) Arc Welding: study of arc welding machines; types, sizes and uses of electrodes; effects of arc length, current and speed on beads; running beads; practice in the common type of welds; penetration cutting; hard facing; bronze welding.

Limited to fifteen students without respiratory trouble.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Held.

450. Technology of Woodworking II (Cabinetmaking).

A course designed to develop skills and knowledge of the following items: hand woodworking tools; machine working tools; modern methods and design in cabinetmaking; veneering; wood finishing; care and maintenance of woodworking machinery; simple wood carving; advanced wood turning.

Limited to twenty students.

Text-books: Wishart, *Woodwork, Practice and Theory;* J. S. White, *Draughting for Canadian Schools.*

Prerequisites: Education 350.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Corbett.

451. Technology of Metalwork II.

Common non-ferrous metals and their alloys; metallurgy; benchwork; grinding; lathework; shaper work; drill press; heat treatment; forging; simple foundry practice; tool and machine maintenance; metal finishes.

Limited to twenty students.

Text-books: H. A. Jones, *Machine Shop Practice,* Books I and II.

Prerequisite: Education 351.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Kuetbach.

452. Technology of Woodworking III (Building Construction).

A course designed to prepare the Industrial Arts instructor to teach the Building Construction Course as laid down in the Programme of Studies. It is intended to develop skills and knowledges relating to all phases of frame house construction.

Limited to twenty students.

Text-books: Wishart, *Woodwork, Practice and Theory;* J. S. White, *Draughting for Canadian Schools; Housing Standards,* National Research Council, Ottawa.

Prerequisites: Education 350 and Education 352.

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

Mr. Hindle.

453. Auto Mechanics.

The automobile and its power plant; general construction of the automobile; auxiliary systems; fuel; carburetion; lubricating; cooling; clutch and gear box; rear axles and steering gears; brakes; miscellaneous.

Limited to fifteen students.

Prerequisite: Education 351.

Four hours lectures and sixteen hours laboratory a week—3 units.

Mr. Creese.

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 is not divisible, for purposes of credit, into two parts.

Text-books: *A Little Treasury of Modern Poetry* (revised; ed. Williams); *Contemporary Drama: Eleven Plays* (ed. Watson and Pressey); *Masters and Masterpieces of the Short Story* (ed. McClennen);. *Huckleberry Finn* (Clemens); *Modern English Handbook* (Gorrell and Laird).

Pre-reading Required: Students should read *Huckleberry Finn* before the Summer Session begins.

Ten hours lectures a week—3 units.

Mr. Burhans, Mr. Allen, Miss Stanford, Miss Bennett, Mr. Cameron.

200. Literature and Composition.

A study of literature from Chaucer to the nineteenth century. Themes on the substance of the course are required.

Text-books: *College Survey* (shorter ed., revised); Shakespeare, *Antony and Cleopatra* (ed. by Kittredge); Swift, *Gulliver's Travels* (Rinehart); Fielding, *Joseph Andrews* (Rinehart); Austen, *Pride and Prejudice* (Riverside); Dickens, *Great Expectations* (Rinehart).

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.

NOTE: English 200 or its equivalent is prerequisite to all English courses numbered 400 and above.

Mr. de Bruyn, Mr. Spaulding, Mr. Mendel, Mr. Pinkus, Mr. Thompson, Mr. Jordan, Mr. Stephens, Mr. Tallman.

201. Children's Literature.

A survey of children's literature from early sources to recent books. *For credit only on B.Ed. (Elem.) and B.Ed. (Sec.).*

Text-book: Meigs, Eaton, Nesbitt, Viguers, *A Critical History of Children's Literature* (Macmillan, 1955).

Ten hours lectures a week—3 units.

Mr. Root, Mr. Van Slooten.

202. Introduction to Writing.

Introduction to the writing of the short story, the one-act play, verse, the novel and familiar essay.

Limited to 20 students, selection on basis of manuscripts submitted.

Prerequisites: English 100-101 and prior submission of acceptable manuscript in one of the forms mentioned above. Send manuscript to Chairman, Creative Writing Committee, U.B.C., before June 22, 1959.

Ten hours lectures a week—3 units.

Mr. Zilber.

300. English Composition.

A study of the principles and practice of good writing.

Limited to 25 students in each of 4 sections.

For credit only on B.Ed. (Elem.) and B.Ed. (Sec.).

Prerequisite: English 100-101.

Ten hours lectures a week—3 units.

Miss Baxter, Mr. Meir, Mrs. Sonthoff, Mrs. Rowland.

400. Advanced English Composition.

The course gives practice in writing the personal essay and the research paper. Stress is placed on the development of the student's own style. Competent use of the English language is prerequisite.

Intended for students in Faculty of Education with major in English.

Limited to 25 *students.*

Text-books: Waddell, *Grammar and Style; Anthology of English Prose* (Everyman, Ed.).

Ten hours lectures a week—3 units.

Mrs. Lewis.

407. Dramatic Writing and Criticism.

Practice in the writing of stage, radio and television drama and in the criticial evaluation of these forms.

Limited to twenty students, selection on basis of background in writing.

Prerequisites: English 200 and 202 or their equivalents and consent of the Chairman of the Creative Writing Committee, U.B.C.

Ten hours lectures a week—3 units.

412. Shakespeare.

Lectures on various aspects of Shakespeare's art. Detailed study of *Richard III, Richard II, As You Like It, Twelfth Night, Othello, Macbeth, Coriolanus, The Tempest.*

Ten hours lectures a week—3 units.

Mrs. Smith.

424. Seventeenth-Century Literature.

The century's prose and poetry, exclusive of Milton. Emphasis upon the ideas, forms and styles as an expression of the educational, religious, moral and political controversies of the age.

Text-books: Coffin and Witherspoon, *Seventeenth Century Prose and Poetry;* Bunyan, *Pilgrim's Progress.*

Ten hours lectures a week—3 units.

Miss Sherrer.

430. The Romantic Period.

Chiefly Wordsworth, Coleridge, Byron, Shelley, and Keats.

Text-book: Noyes, Russel, *English Romantic Poetry and Prose* (Oxford University Press, New York).

Ten hours lectures a week—3 units.

Mr. Miller.

English 433. The Early Modern Period.

Major trends in English literature between 1870-1918. The ideas and social forces which are reflected in the literature of this transitional period and which underlie significant and conflicting aspects of modern thought will also be examined.

Text-books: Poetry—Untermeyer, *Modern British Poetry.* Novels—Butler, *The Way of All Flesh;* Hardy, *The Return of the Native, Jude the Obscure;* Wilde, *The Picture of Dorian Gray;* Wells, *Tono-Bungay;* Bennett, *The Old Wives' Tale;* Conrad, *Lord Jim, The Nigger of the "Narcissus"; The Shadow Line;* Ford, *The Good Soldier.* Plays—Wilde, *The Importance of Being Ernest; Lady Windermere's Fan* OR *An Ideal Husband;* Shaw, *Mrs. Warren's Profession, Candida, You Never Can Tell, Man and Superman, Major Barbara.*

Required pre-reading: *The Way of All Flesh* (Rinehart), *The Old Wives' Tale* (Everyman), *Tono-Bungay* (Modern Library), *Jude the Obscure* (St. Martins). There will be an examination on them during the first week of the summer session.

Ten hours lectures a week—3 units.

Mr. Gose.

434. Contemporary Literature.

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

Required pre-reading: James Joyce, *Ulysses*, D. H. Lawrence, *Women in Love*.

Ten hours lectures a week—3 units.

Mr. Hall.

435. Canadian Literature.

A survey of our literature in the English tongue, with some attention to a few major French-Canadian works in translation. Chief emphasis will be placed on achievements within the past 75 years. Some attempts will be made to explore the relationships between literary developments in Canada and influential movements in Britain and the United States.

Ten hours lectures a week—3 units.

Mr. Klinck.

FINE ARTS

NOTE: *The following courses are for credit only in the Faculty of Education with the exception of Fine Arts 200, which is for credit in the Faculty of Arts and Science.*

101. History of the Fine Arts.

History of music, art and architecture with emphasis upon the cultural development of mankind throughout the ages. Appreciation and understanding will be encouraged, through illustration and discussion of major works.

For credit only in the Faculty of Education. Prerequisite for Fine Arts and Music majors.

Text-book: Gombrich, *The Story of Art;* Phaidon.

Ten hours lectures a week—3 units.

Mr. Bice (Art); Mr. Fraser (Music).

200. History of Art.

A chronological study of Classic, Gothic, Renaissance and Modern painting, sculpture and architecture, prefaced by a survey of other and earlier great periods of art. Special emphasis is placed on forms.

Text-book: Upjohn, Wingert & Mahler, *History of World Art.*

Ten hours lectures a week—3 units.

300. Introduction to the Plastic and Graphic Arts.

Experiment and study in various media of art expression as a basis for advanced work towards an art major. This course is an introduction to the four major areas—painting, ceramics, design and print-making. Students will be expected to submit a sketch book of work as part of the final mark.

For credit only in the Faculty of Education.

Limited to 25 students, preference to students with major in Art.

Sketch Book required, obtainable at U.B.C. Book Store.

Prerequisite: Education 205 or Normal School Diploma.

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

Mr. Black.

301. Drawing and Composition.

A basic course in drawing in various media. A study of the fundamentals of composition and picture analysis. Students will be expected to submit a sketch book as part of the final mark.

For credit only in the Faculty of Education.

Limited to 20 students, preference to students with major in Art.

Text-book: Nicolaides, *The Natural Way to Draw.*

Sketch Book required, obtainable at U.B.C. Book Store.

Prerequisites: Education 205 or Normal School Diploma and Fine Arts 101.

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

Mr. Manuel.

305. Design I.

This course will include studio experiment in both two and three dimensional design problems with the purpose of developing a fuller understanding of the fundamental design principles.

For credit only in Faculty of Education.

Limited to 25 students, preference to students with major in Art.

Sketch Book obtainable at U.B.C. Book Store.

Prerequisites: Fine Arts 101, 300 and 302 or equivalent.

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

Mrs. Gouldstone.

401. Advanced Watercolours.

The skills and techniques of the medium will be developed by experiments and problems. Studio and outdoor subjects will be used. A sketch book will be submitted as part of the final mark.

For credit only in Faculty of Education.

Limited to 20 students.

Sketch Book obtainable at U.B.C. Book Store.

Prerequisites: Fine Arts 300 and 302 or equivalent.

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

Mr. Harris.

402. Advanced Oil Painting.

The skills and techniques of the medium will be developed by experiments and problems. Studio and outdoor subjects will be used. A sketch book will be submitted as part of the final mark.

For credit only in the Faculty of Education.

Limited to 20 students.

Sketch Book obtainable at U.B.C. Book Store.

Prerequisites: Fine Arts 300 and 302 or equivalent courses.

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

Mr. Harris.

403. Ceramics and Modelling II.

Advanced ceramics and modelling with specialization in the use of the potter's wheel, molds and casting, firing techniques; investigation of local and imported clay; glazing research.

For credit only in the Faculty of Education.

Limited to 20 students, preference to students with major in Art.

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

Mr. Clarke.

FRENCH

110 and 120. First Year University French.

Study of French texts; grammar, pronunciation.

Text-books: *D'un siècle à l'autre-Contes et nouvelles,* Albert J. Slavan (ed.) (Harcourt, Brace and Co.); J. E. Travis, *A Précis of French Grammar* (Harrap). (Supplementary reading for students eligible for French 120).

Prerequisite: French 110: French 20 or 91 of High School Graduation (University Programme), or equivalent; French 120; French 92 of High School Graduation (University Programme), or equivalent.

Ten hours lectures a week—3 units.

Mr. Luethy.

210 and 220. Second Year University French.

Reading of French texts, composition.

Text-books: Ferrar, *A French Reference Grammar;* Molière, *les Précieuses ridicules* (C. Larousse); Voltaire, *Candide* (Blackwell); Balzac, *Gobseck, le Colonel Chabert* (Harrap); Gide, *La Symphonie Pastorale* (le livre de poche).

Ten hours lectures a week—3 units.

Mr. Robert, Mr. Bresky.

302. French Practice.

Composition; syntax; phonetics.

Text-books: Whitmarsh, *Cours supérieur. Romains, Paris Les Hommes de bonne volonté*) Colette, *La maison de Claudine.*

Prerequisite: French 210 or 220.

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

Mr. Joliat, Mrs. Bird.

405. The French Enlightenment.

A study of French thought from Bayle to Chateaubriand.

Text-books: Fellows and Torrey, *The Age of Enlightenment* (Appleton Century); Lesage, *Turcaret**; Montesquieu, *Lettres persanes;* Voltaire, *Candide, L'Ingenu, Zaire**; Sedaine, *Le Philosophe sans le savoir**; Laclos, *Liaisons dangereuses;* Constant, *Adolphe*. Titles marked with * are provided in* satisfactory texts in the Larousse Classiques Larousse series. For the others, any cheap but complete edition will do—e.g. Garnier.

Pre-reading required: Descartes, *Discours de la Méthode.*

Pre-reading recommended: Descartes, *Traité des Passions de l'âme.*

Prerequisite: French 300 or equivalent.

Ten hours lectures a week—3 units.

Mr. Oake.

See also: Education 565 (French).

GEOGRAPHY

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

101. Introduction to Physical Geography.

The earth as a globe; map projections; topographic maps; origin and distribution of landforms with particular reference to North America; weather and climate; practical laboratory exercises.

Geography 101 may be credited as a science course in the first or second year electives of either the B.A. or B.Ed. programme.

Text-book: Strahler, *Physical Geography*, 1951.
Eight hours lectures and eight hours laboratory a week—3 units.
Mr. Rheumer.

303. World Geography.

The major geographic patterns of the world followed by a survey of the physical and human geography of each continent.

Text-books: Wheeler, Kostbade, Thoman, *Regional Geography of the World.* Atlas, *Prentice-Hall World Atlas.*

Prerequisite: Geography 101 recommended.

Ten hours lectures a week—3 units.

Miss Shank, Mrs. Finney.

304. Geography of Settlement.

A geographical interpretation of the world pattern of settlement. The grouping, functions and structure of rural and urban settlement; geographical characterizations of regional and city planning.

Ten hours lectures a week—3 units.

Mr. Dickinson.

409. Geography of Canada and the United States.

Regional geography with emphasis on United States; landforms, climate, natural resources, population; primary industries.

Text-book: White and Foscue, *Regional Geography of Anglo-America.*
Prerequisite: Geography 101 recommended.

Ten hours lectures a week—3 units.

Mr. Jensen, Mr. Farley, and Mr. Robinson.

See also: Slavonic Studies 404 (Geography of the Soviet Union) and Education 565 (Geography).

GEOLOGY

200. General Geology.

Introductory course: "Physical Geology," including weathering, ground water, stream, glacier and wind action, the ocean and its work, earth structure, earthquakes, vulcanism, intrusion, metamorphism and mineral deposits; "Historical Geology" includes history of the earth and its life.

Limited to 50 *students.*

Text-book: Zumberge, "*Elements of Geology*" Wiley, 1958.

Prerequisite: Chemistry 101, or Physics 101 before or concurrently.

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

Mr. Okulitch.

GERMAN

90. Beginners' Course.

Text-books: Fehling and Paulsen, *Elementary German,* 2nd edition; Goedsche, *Einstein and Thomas Mann.*

Ten hours lectures a week—3 units.

Mr. Sorensen.

110 and 120. First Year University German.

Text-book: Foltin, *Aus Nah und Fern;* Schweitzer, *Leben und Denken;* Fiedler, *A Book of German Verse;* Russon, *Complete German Course.*

Pre-reading Required: Goedsche-Glaettli, *Heine.*

Prerequisite: German 20 or German 90. Students with the necessary prerequisite for German 120 (German 92 or First or Second Class standing in German 90—University course) will be required to do extra class assignments in order to qualify for credit in that course.

Ten hours lectures a week—3 units.

Miss Scott.

200. Second Year University German.

Text-books: Hallamore and Jetter, *Am Kreuzweg;* Russon, *Complete German Course;* Storm, *Immensee;* T. Mann, *Tonio Kroger;* Fairley, *Goethe.*

Pre-reading: Storm, *Immensee.*

Prerequisite: German 110, 120, or the equivalent. Students with high First Class standing in German 110, 120 may be permitted by the Department to take German 200 concurrently with a German course numbered 300.

Ten hours lectures a week—3 units.

Mr. McNeely.

302. History of German Civilization.

Intensive training in oral and written composition. This course should be taken by all prospective teachers of German.

Text-book: Jordan, *Deutsche Kulturgeschichte.*

Ten hours lectures a week—3 units.

Mr. MacLean.

HISTORY

101. Main Currents in Twentieth-Century History.

This course offers a background for contemporary world problems and is prerequisite to History Honours. If the World History course has been taken in Senior Matriculation, History 102 will be required for Honours. Extra work will be required from Third and Fourth Year students taking this course for upper year credit.

Text-books: Chambers, Harris and Bayley, *The Age of Conflict;* Snyder, *Fifty Major Documents of the Twentieth Century;* Holborn, *The Political Collapse of Europe.*

Ten hours lectures a week—3 units.

Mr. Smith.

102. The History of Canada.

Introductory general course. This course is prerequisite for History 404, 420, 426, 430, 433, 533. Extra work will be required from Third and Four Year students taking this course.

Text-book: McInnis, *Canada.*

Ten hours lectures a week—3 units.

Mr. Reid.

311. From Empire to Commonwealth.

Empire and Commonwealth history and problems from responsible government to the present.

Text-book: Burt, *The Evolution of the British Empire and Commonwealth from the American Revolution.*

Ten hours lectures a week—3 units.

Mr. White.

316. Ideas and Institutions of the Middle Ages.

An examination of some mediaeval institutions and ideas. Readings to be assigned.

Ten hours lectures a week—3 units.

Father Hanrahan.

419. Great Britain Since 1688.

An evaluation of the political, economic, social and constitutional events in the period.

Text-books: Trevelyan, *British History of the Nineteenth Century;* Green, *The Hanoverians;* Mowat, *Britain Between the Wars.*

Ten hours lectures a week—3 units.

Mr. Conacher.

420. The Evolution of the Canadian Constitution.

With special emphasis on responsible government, federal union and federal-provincial relations.

Readings to be assigned.

Ten hours lectures a week—3 units.

Mr. Gibson.

The following courses will be accepted for credit in History:

Classical Studies 331—Open to Second Year students.

Classical Studies 433—For Third or Fourth Year students.

Political Science 300.

HOME ECONOMICS

Note: Courses in Home Economics may not be taken for credit toward the B.A. or B.Sc. degrees.

105. Food Management I.

Meal planning, food preparation, development of standards and techniques with emphasis on work simplification and the use of a variety of equipment. *Limited to* 30 *students.*

Students enrolling in Education 404 (Home Economics) Section 2 concurrently should attend laboratory Section 2 of Home Economics 105.

Text-books: Heseltine and Dow, *The New Basic Cook Book, 1957;* Justin, Rust & Vail, *Foods,* 1956.

Prerequisite: Home Economics 91 or equivalent.

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

Miss MacFarlane.

300. Home Management I.

The house, selection and care of furnishings and equipment. Family expenditures and standards of living; budgeting of time and family funds.

Text-books: Gross and Crandall, *Management for Modern Families,* 1954; Peet and Thye, *Household Equipment,* 1955.

Limited to 30 *students.*

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

Miss Lloyd.

421. Child Development and Family Relationships.

Development of the child from pre-natal through adolescent period; human relationships in families and the relation of the family to the community.

Limited to 30 *students.*

Text-book: One of either: Stone and Church, *Childhood and Adolescence*, Random House 1957; or Duvall, *Family Development*, Lippincott, 1957.

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

Mrs. Aikin.

See also: Education 404 and 508 (Home Economics).

LATIN

110, 120, 210, 220, 407 or 530. Composite Course in Latin.

Intended primarily for students attending the Summer Session. A substantial amount of a major work of Latin literature (in 1959, Julius Caesar, *de bello Gallico*) will be read, partly in the original and partly in English translation, the amount of the original varying with the student's preparation. Students desiring credit in Latin 110, 120, 210, 220, 407 or 530 will register for this course under the appropriate number and will receive three units of credit upon the successful completion of the appropriate amount of work. Students who have failed Latin 110 in the winter session will not be admitted.

Pre-reading for Latin 110: first twelve units of De Witt, Gummere and Horne, *College Latin.*

Ten hours of lectures a week—3 units.

Mr. Richards.

MATHEMATICS

101. Fundamental Mathematics.

Logic, sets, algebra, geometry, trigonometry, introduction to probability and statistics. This course is recommended for students in commerce, the humanities, and the social sciences.

Text-books: R. R. Christian, *Introduction to Logic and Sets.* CEEB Commission on Mathematics, *Introductory Probability and Statistical Inference for Secondary Schools.* R. R. Christian, *Notes for Mathematics* 101. E. P. Vance, *Trigonometry.*

Prerequisites: Mathematics 91 or 100.

Ten hours lectures a week—3 units.

Mr. Swanson.

120. Fundamental Mathematics.

Algebra, geometry, trigonometry, introduction to calculus. This course is recommended for students taking two sciences in First Year and intending to take engineering, architecture or a major or an honours course in science or mathematics.

Text-book: Brixey and Andree, *Fundamentals of College Mathematics.*

Prerequisites: Mathematics 91 or 100.

Ten hours lectures a week—3 units.

Mr. Macskasy.

202. Calculus.

Introduction to differential and integral calculus, with applications.

Text-book: Johnson and Kiokemeister, *Calculus.*

Prerequisite: Mathematics 101 or 120.

Ten hours lectures a week—3 units.

Dr. Struik.

205. Elementary Statistics.

Descriptive statistics, introduction to probability and sampling, correlation, index numbers, time series.

Text-book: Freund, *Statistics.*

Prerequisites: Mathematics 100, 101 or 120.

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

Mr. Simons.

300. Calculus II.

Differential and integral calculus with applications.

Text-book: Johnson and Kiokemeister, *Calculus.*

Prerequisite: Mathematics 202 or 220.

Ten hours lectures a week—3 units.

Mr. Brauer.

308. Topics in Algebra.

The number system, theory of numbers, theory of polynomials.

This course is strongly recommended for both prospective and present high school teachers of mathematics.

Prerequisites: Mathematics 202 or 220.

Ten hours lectures a week—3 units.

Mr. Minc.

412. Topics in Analysis.

Functions and fluents; some graphical and numerical methods; partial derivatives and rates of change; some differential equations and their applications. All topics covered will be accompanied by applications to geometry and science.

This course is strongly recommended for both prospective and present high school teachers of mathematics.

Text-book: Karl Menger, *Calculus, a Modern Approach.*

Prerequisites: Mathematics 306 or 308 or consent of the Department.

Ten hours lectures a week—3 units.

Mr. Menger.

See also: Education 565 (Mathematics).

MUSIC

Note: The following courses may not be taken for credit toward the B.A. or B.Sc. degrees.

201. Elementary Harmony.

Experience in written work, sight-singing, ear-training, keyboard harmony. Some knowledge of the piano is desirable, but not necessary.

For credit only in the Faculty of Education.

Text-book: *Songs to Play,* Charlotte DuBois, C. C. Birchard and Co., 1954.

Ten hours lectures a week—3 units.

Mr. Davis.

301. Counterpoint and Advanced Harmony.

A continuation and expansion of the materials studied in Music 201.

Prerequisite: Music 201 or equivalent training.

For credit only in the Faculty of Education.

Ten hours lectures a week—3 units.

Mr. Bissell.

302. Instrumental Music.

The organization of bands and orchestras; instrument and fingering charts; care and repair of instruments; conducting literature for instrument groups; the marching band; tests; participation in the performance of selected instrumental composition.

For credit only in the Faculty of Education.

Prerequisites: Music 201 or equivalent training, plus some facility on a brass, reed, or string instrument. (Bring your instrument if possible).

Ten hours lectures a week—3 units.

Mr. Horrocks, Mr. Welke.

303. Choral Techniques and Choral Conducting.

The course is designed for teachers with a knowledge of the elementary rudiments of music and ability to "sight-read" and, preferably, "sight-sing". There will be some preliminary instruction in the Tonic Sol-fa system and its relation to the Staff notation. A series of lectures on accuracy, tone production and application, diction, phrasing, rhythm and interpretation comprises approximately half the course. This is followed by instruction in the art of choral conducting and practice in conducting. The course terminates with each student instructing and conducting the class in a designated part-song.

For credit only in the Faculty of Education.

Text-book: Octavo music to be selected.

Prerequisite: Music 201 or equivalent training.

Ten hours lectures a week—3 units.

Mr. Thomson.

401. Orchestration and Arranging for Chorus, Band and Orchestra.

The techniques of writing and arranging for various groups of performers.

For credit only in the Faculty of Education.

Prerequisite: Music 201 or equivalent training.

Ten hours lectures a week—3 units.

Mr. Boer.

PHILOSOPHY

100. Introduction to Philosophy.

A systematic presentation of the problems of philosophy from the early Greeks to the present day.

Text-books: *History of Western Philosophy*, W. T. Jones; *Plato's Republic*.

Ten hours lectures a week—3 units.

Mr. Stroll.

415. Contemporary Philosophy.

Major themes in present day philosophic thought. Topics will include the scientific attitude, Marxism, existentialism, positivism.

Text-books: Sydney Hook, *Marx and the Marxists*, Anvil Books; W. Kaufman, *Existentialism from Dostoyevsky to Sartre*, Meridian Books; B. Russell, *Mysticism and Logic*, Penguin Books.

Pre-reading Recommended: C. H. Waddington, *The Scientific Attitude*, 2nd edition, Penguin Books.

Prerequisite: Philosophy 100.

Ten hours lectures a week—3 units.

Mr. Remnant.

PHYSICAL EDUCATION

Students registering for any of the following courses must attend organizational meetings which will be held in the Memorial Gymnasium on June 29, at the hours scheduled for the classes.

Note: Courses in Physical Education may not be taken for credit toward the B.A. or B.Sc. degrees.

Requirements for a major in Physical Education in the Bachelor of Education degree are described in the 1958-9 Calendar. The activity courses in the B.Ed. programme are 105, 205, 305 and 405; in the B.P.E. programme they are 100, 200, 300 and 400.

101. Gymnastics I.

Text-book: *Planning the Program*—The Ministry of Education.

One hour per day, June 29-August 7, inclusive—1 unit.

Miss Tilley.

140. Rhythms for Young Children.

One hour per day, July 22-August 12, inclusive—½ unit.

Miss Tilley.

209. Softball.

Fundamentals and rules.

One hour per day, July 22-August 12, inclusive—½ unit.

Mr. Pomfret.

210. Basketball.

Fundamentals, basic drills, simple offensive tactics.

Text-book: Branch McCracken, *Indiana Basketball.*

One hour per day, June 29-July 20, inclusive—½ unit.

Mr. Pomfret.

214. Rugby.

Basic skills, rules, emphasis on playing.

Text-book: *Manual of R.U. Football*, Rugby Football Union; *Laws of Rugby Football*, Rugby Football Union.

One hour per day, July 22-August 12, inclusive—½ unit.

Mr. Laithwaite.

215. Soccer and Speedball for Women.

Fundamentals, basic drills, rules and team play.

Text-book: A.A.H.P.E.R., *Official Soccer Speed Ball Guide.*

One hour per day, July 22-August 12, inclusive—½ unit.

Miss Schrodt.

230. Swimming.

Elementary swimming skills, strokes, entries, water safety.

Text-books: Canadian Red Cross Society, *Swimming and Water Safety Manual. Swimming and Diving,* The American Red Cross, P. Blakiston Co., Inc., Philadelphia.

One hour per day, July 22-August 12, inclusive—½ unit.

Mrs. Penney.

240. Dance.

Ballroom; waltz, foxtrot, rhumba.

One hour per day, June 29-July 20, inclusive—½ unit.

Mr. Grant.

244. Dance—Folk I.

One hour per day, June 29-July 20, inclusive—½ unit.

Mrs. Goodwin.

250. Track and Field I.

Introduction to track and field activities; sprints, relay racing, middle distance, high jump and broad jump.

Text-book: Doherty, V. K., *Modern Track and Field.*

One hour per day, June 29-July 20, inclusive—½ unit.

Mr. Osborne.

251. Track and Field II.

Hurdles, pole vault, weight events, distance running.

Text-book: Doherty, V. K., *Modern Track and Field.*

One hour per day, July 22-August 12, inclusive—½ unit.

Mr. Osborne.

301. Gymnastics III (A).

Fundamental exercises, small apparatus; pyramids and demonstration work; emphasis on class instruction.

Prerequisite: Physical Education 101 or 201.

One hour per day, July 22-August 12, inclusive—½ unit.

Miss Hammarstrom.

313. Advanced Grass Hockey.

Team tactics; coaching and officiating techniques.

Emphasis on umpiring will train students for umpire's rating required of most coaches in Greater Vancouver High Schools.

Text-books: Lees and Shellenberger, *Field Hockey for Players, Coaches and Umpires;* A.A.H.P.E.R., *Official Field Hockey-Lacrosse Guide;* A.E.W.H.A., *Rules of the Game of Hockey.*

Pre-reading Required: *Rules Book* (Entire); *Official Guide,* Umpiring Technique.

Pre-reading Recommended: Meyer and Schwarz: *Team Sports for Women*—Chapter 4.

Prerequisites: P.E. 213 (Students without standing in P.E. 213 but with considerable previous experience may be admitted with permission of the instructor).

One hour per day, July 22-August 12, inclusive—½ unit.

Miss Schrodt.

316. Advanced Soccer.

Team tactics; organization, coaching methods; rules, refereeing.

Text-book: *Soccer Coaching,* Walter Winterbottom, Naldrett Press, England.

Prerequisite: P.E. 216.

One hour per day, July 22-August 12, inclusive—½ unit.

Mr. Laithwaite.

360. Principles of Physical Education.

A study of fundamental principles, aims, objectives to formulate the student's professional point of view; a study of competition, its history, basic principles, and its place in education.

Text-book: Oberteuffar: *Physical Education.*

Five hours lectures a week—1½ units.

Mrs. Penney.

361. Correctives.

Posture, First Aid, Safety Education, Athletic Injuries.

Text-books: Stafford and Kelly, *Preventive and Corrective Physical Education,* Ronald Press; or Rathbone, *Corrective Physical Education,* W. B. Saunders; Logan, *Techniques of Athletic Training,* Franklin-Adams Press; *St. John First Aid Manual.*

Four hours lectures and two hours laboratory a week—1½ units.

Mr. Howell.

460. Organization and Administration of Physical Education.

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

Text-book: Voltmer, E. F., and Esslinger, A. A., *The Organization and Administration of Physical Education,* 3rd Edition.

Students must have Fourth Year Standing or be experienced teachers.

Prerequisite: P.E. 260 or 360.

Five hours lectures a week—1½ units.

Mr. Osborne.

570. Study of Research in Physical Education.

Research applied to Physical Education, problem solving, library, historical, philosophical, anthropometrical, body mechanics, kinesiological, photographical, cinematographical, physiological and psychological research.

Text-books: A.A.H.P.E.R., *Research Methods Applied to Health, Physical Education and Recreation.* 1949, Washington, D.C.

Five hours lectures a week—1½ units.

Mr. Howell.

583. Physical Education Programmes.

Prerequisite: Graduate Standing.

Five hours lectures a week—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.

Students who do not have Physics 91 may take this course, but may be required to do additional work.

Text-book: *College Physics,* Mendelhall, Eve, Keys and Sutton.

Prerequisites: Mathematics 101 or 120 must precede or be taken concurrently.

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

Mr. Taylor.

200. Intermediate Physics.

An intermediate course covering heat, mechanics, properties of matter and some aspects of modern physics.

Prerequisites: Physics 101. Mathematics 202 or 220 must either precede or be taken concurrently.

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

430. Recent Developments in Physics.

Credit only in the Faculty of Education.

This course is designed for teachers of physics in the high schools. As the title indicates it will be devoted mainly to recent developments in physics. There will be no laboratory but there will be many lecture demonstrations suitable for high school work.

Prerequisites: Physics 101 and 200 (latter may be taken concurrently).

Ten hours a week—3 units.

Mr. Miller, Mr. Barton.

POLITICAL SCIENCE

201. Governments of Britain and the United States.

The constitutions, systems of government and political processes of the United Kingdom and the United States.

Ten hours lectures a week—3 units.

Mr. Langdon.

300. History of Political Thought.

Evolution of political ideas and various basic concepts of government such as the theory of the state, natural law, divine right of kings, social contract, sovereignty, political obligation and consent. Readings include selections from classics in the field from Plato to Marx. May be accepted for credit in History.

Text-book: G. H. Sabine, *A History of Political Theory.*

Pre-Reading recommended: Text-book.

Ten hours lectures a week—3 units.

Mr. LaPonce.

PSYCHOLOGY

Psychology 100 is prerequisite to all other courses in Psychology.

100. Introductory Psychology.

Practical study of the basic forms of human behaviour with emphasis on motivation, sensation, thinking, learning, emotion, adjustment, individual differences and personality.

Text-book: *Interpretive Psychology,* Chant and Signori.

Ten hours lectures a week—3 units.

Mr. MacKay.

202. Mental Hygiene.

Approaches to an understanding of personality, varieties of adjustive behaviour, modification of personal and social behaviour, systems of psychotherapy, approaches to mental health.

Prerequisite: Psychology 100.

Ten hours lectures a week—3 units.

Mr. Sampson.

301. Developmental Psychology.

Psychological development, pre-natal through adolescence; determiners of psychological growth, motor, emotional, social, intellectual, language and personality development. Implications for the guidance of psychological development.

This course may be replaced by Education 331 in a B.Ed. (Elem.) programme.

Prerequisites: Psychology 100 and 201 or 202.

Text-books: Stone, L. Joseph and Church, *Childhood and Adolescence: A Psychology of the Growing Person.*

Ten hours lectures a week—3 units.

Mr. Belyea.

401. Clinical Psychology.

Basic principles of the clinical applications of psychology. Analysis of the clinical process; survey of the clinical psychologist's role, functions and techniques in mental health service.

Prerequisites: Psychology 100, 201 or 202 *and* 305.

Text-book: Wallen, Richard, *Clinical Psychology: The Study of Persons,* McGraw-Hill.

Ten hours lectures a week—3 units.

Miss Potashin.

405. Learning.

A critical examination of the major theories of learning.

Prerequisites: Psychology 100, 201 or 202.

Text-book: J. Deese, *Psychology of Learning,* 2nd Edition, McGraw-Hill.

Ten hours lectures a week—3 units.

Mr. Kenny.

RUSSIAN

100. Basic Russian.

First course in the Russian language.

Text-books: Gronicka, *Essentials of Russian;* Carlsen, *Vocabulary—Numericon for Basic Russian Courses.*

Ten hours lectures a week—3 units.

Mr. Dane.

200. Russian.

Second course in the Russian language.

Ten hours lectures a week—3 units.

SLAVONIC STUDIES

404. The Geography of the Soviet Union.

The physical, human and regional geography of the Union: the relationship between the physical environment and human and economic geography; the distribution and use of resources; rural and urban settlement patterns; political geography of the U.S.S.R.

Accepted for credit in Geography.

Text-book: Atlas: *Oxford Economic Atlas of U.S.S.R. and Eastern Europe.*

Ten hours lectures a week—3 units.

Mr. Ruggles.

SOCIOLOGY

200. Introduction to Sociology.

A general introduction to the sociological analysis of selected topics (such as values, work, stratification, kinship and socialization, particular social roles and the problems of national character) which together would constitute a broad description of a large-scale society.

Ten hours lectures a week—3 units.

Mr. Roseborough.

SPANISH

90. Beginners' Spanish.

Grammar, composition, translation.

Text-books: Rogers, *Spanish for the First Year* (salas ed.); *Sal y Pimienta* (Dryden Press, N.Y.).

Ten hours lectures a week—3 units.

Mr. Bartroli.

110, 120 and 201.

First and Second Year University Spanish. Grammar, composition, translation, conversation, reading. Register for appropriate course.

Text-books: Dillwyn Ratcliff, *Intermediate Spanish Grammar;* Da Cal, *Literatura del siglo xx.*

Prerequisites: 110—Spanish 20 or pass standing in Spanish 90.
120—Spanish 92 or Second Class or better standing in Spanish 90.

Ten hours lectures a week—3 units.

Mr. McDonald.

THEATRE

Note: Theatre 301 may not be used for credit toward a B.A. or B.Sc. degree.

200. Theatre Practice (formerly English 421).

This course, consisting of Acting I and Speech I, deals with the fundamentals of acting, voice production and speech. Students having a recognized equivalent of Acting I and Speech I may apply to the Director of the Summer School of Theatre for permission to take Acting II and Speech II.

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.

Ten hours lectures and fifteen hours rehearsals a week. Extra rehearsals as arranged—3 units.

Mr. Thorne, Miss Gemmill, staff of the Summer School of Theatre.

300. History of the Theatre (formerly English 422).

A survey of Western theatrical presentation from the Greek era to the present. Representative plays of important periods, with special emphasis on dramatic theory and styles of playwriting, theatres, scenic effects, styles of production and acting.

Text-book: John Gassner, *Masters of the Drama,* 3rd Edition.

Pre-reading recommended: List of plays to read in course forwarded upon request.

Prerequisites: For a theatre major—Theatre 200. As a third or fourth year elective—none.

Ten hours lectures a week—3 units.

Mr. Soule.

301. Children's Theatre.

A study of the psychological and creative approach to drama with children and to theatre for children in the Elementary School age, primary and intermediate divisions. The course will consist of lectures and of laboratory periods in which students will (a) observe and assist in classes with children conducted by the instructor, and (b) participate in the preparation of a short play for children.

For credit only in the Faculty of Education.

This course will be open to non-credit (Extension Department) as well as credit students.

Pre-reading recommended: *An Introduction to Child Drama,* Peter Slade; *Child Drama,* Peter Slade. Both published by University of London.

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

Mr. Way.

ZOOLOGY

105. General Zoology.

An introduction to animal biology; structure, function, evolution and classification of animals. Vertebrate and invertebrate.

Note: This course is prerequisite to all other courses in Zoology and to most courses in Biology.

Limited to 30 *students,* 10 *teachers,* 10 *repeaters,* 10 *others.*

Text-book: *Integrated Principles of Zoology,* C. P. Hickman.

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

Mr. Ford.

302. Microanatomy.

A basic course for all students majoring or honoring in Zoology. Concerned with the fundamentals of Cytology, Histology and Vertebrate Embryology.

Limited to 30 students, 10 of whom may be repeaters.

Text-book: *Cytology,* DeRoberts; *Histology,* Ham or *Histology,* Maximov and Bloom.

Pre-reading recommended: Any of above texts.

Prerequisite: Zoology 105.

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

Mr. Finnegan.

303. Vertebrate Physiology (formerly Biology 304).

Designed primarily for students in Nursing, Home Economics, Honour Psychology, Physical Education and Education.

Text-book: *Text-book of Physiology* by Guyton. (Saunders).

Required pre-reading: *The Living Body*, Best and Taylor, (Holt).

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

Mr. Holmes.

Students are reminded that the following correspondence courses are available: Economics 306 (formerly 325), Education 520, English 200, English 429, French 210, Philosophy 100, Psychology 100, Psychology 301.

History 313 available, spring 1959.

Knowledge of the availability of these courses may assist students in planning their programme of studies.

CORRESPONDENCE CREDIT COURSES

MEN	WOMEN	TOTAL
2031	1916	3947

Department of University Extension

SUMMER SCHOOL OF THE ARTS

The Summer School of the Arts at the University of British Columbia offers one of the most outstanding programmes in the arts and crafts on this continent. Contributing to a wide variety of courses in Music, Theatre, the Dance and the Visual Arts will be such distinguished guest instructors as George Schick of the Metropolitan Opera Association, Robert Loper of the Oregon Shakespearian Festival and Stanford University, Brian Way, Director of the London (England) Children's Theatre, Robert Gill of Hart House Theatre, University of Toronto, Jean Erdman, outstanding American dance artist and choreographer, Lister Sinclair, Canadian writer and broadcaster, and noted French-Canadian artists, Jacques de Tonnancour and Louis Archambault. These distinguished guests will be supported by a staff of instructors all of whom are well-known for the outstanding contributions they have made in their respective fields.

A University summer festival featuring student and staff work in music, theatre, dance, arts and crafts will highlight this arts programme. Together with the programme of the Vancouver International Festival it will provide students with the opportunity of taking part, both as participants and spectators, in a unique and outstanding artistic experience. The University Summer School of the Arts is closely associated with the Vancouver International Festival and is happy to acknowledge the Festival Society's generous co-operation and the inspiration provided by its Artistic Director, Mr. Nicholas Goldschmidt.

Scholarships

Through generous grants from the Leon and Thea Koerner Foundation, the Vancouver Festival Society, the Summer Session Association, various community and business organizations, and through the University Scholarship Committee a considerable number of scholarships and bursaries are available to students of the Summer School of the Arts. Applications for scholarships and bursaries must be received by May 1. Information concerning applications will be forwarded upon request.

Students of the arts may apply for Canada Council scholarships or grants. Enquiries should be made at least four months in advance of the Summer School to:

The Secretary, The Canada Council,
140 Wellington Street,
Ottawa, Ontario.

Information

For information concerning courses and scholarships offered in the various fields of the arts write to:

Summer School of the Arts,
Department of University Extension,
The University of British Columbia,
Vancouver 8, B.C.

Railway Fares

For information on reduced railway fares see page 20.

STAFF

Theatre

DOROTHY SOMERSET, A.B., Director of Summer School of the Theatre.
ROBERT LOPER, M.A., D.Litt., Guest Director.

BRIAN WAY.
ROBERT GILL, M.A.
LEO CICERI, B.A.
SYDNEY RISK, M.A.
IAN THORNE, L.R.A.M., L.G.S.M.
DONALD SOULE, M.A.
SIDNEY BENNETT, M.F.A.
JESSIE RICHARDSON.
JANIE S. STEVENSON, L.R.A.M., L.G.S.M., A.L.A.M.
BETTY GEMMILL.
MILTON HOWARTH, M.F.A.
GWEN BRADLEY, B.H.E.
LAWRENCE LYNDS, B.A., B.Ed.

Music and Opera

GEORGE SCHICK, Director of Summer School of Music.
ROBERT GILL, M.A.
JOHN COVEART.
JEAN ERDMAN.

Arts and Crafts

JACQUES DE TONNANCOUR.
LOUIS ARCHAMBAULT.
JOHN DOBEREINER.
PHILIP THOMAS.

Dance

JEAN ERDMAN, Guest Director.
HELEN GOODWIN

Lecture Series

LISTER SINCLAIR.

SUMMER SCHOOL OF THEATRE

June 29-August 15

The Summer School of Theatre, through its credit and non-credit courses, is intended to serve the needs of four categories of students: those interested in preliminary training for a professional career in theatre; those wishing to contribute to the development of community drama; teachers in charge of drama programmes in the schools; and those with a general interest in the critical appreciation of theatre. In addition to the regular and intensive classes in the arts of the theatre students will have the opportunity of participating in scenes from plays or in the full production of plays, one of which will be included in the programme of the Vancouver International Festival. In the Festival production they will work in association with Leo Ciceri, distinguished young Canadian actor who has appeared both on the London and New York stages.

STAFF

Dorothy Somerset, A.B., Radcliffe: Associate Professor of Theatre; Director, Summer School of Theatre.

Robert Loper, M.A., Colorado, D.Litt., Birmingham (England): From the University of Colorado, where he acted, directed and taught drama, Dr. Loper went on to work under Allardyce Nicholl at Stratford, England. In 1953 he came to Stanford University where he is now Associate Professor of Drama. In addition he has found time to act and direct in New York and Wisconsin, and for the last several seasons at the Oregon Shakespearian Festival. The University of British Columbia is very happy to welcome him as Guest Director and instructor in the Summer School of Theatre.

Brian Way: Director of the London (England) Children's Theatre: Mr. Way is a foremost exponent and practitioner of the concepts of child drama and theatre for children which have been recognized by the education authorities in England and which have aroused considerable international interest. Since it is with young children that the right approach to theatre begins, Mr. Way will contribute significantly to the Summer School of Theatre.

Robert Gill, M.A., Carnegie Institute of Technology: Director of Hart House Theatre, Toronto, Mr. Gill's association with the Summer School of Theatre, both as director and instructor, goes back many years. In addition to teaching for the Summer School of Theatre Mr. Gill will teach and direct for the Summer School of Opera.

Leo Ciceri, B.A., McGill: A graduate of the Old Vic Theatre School, Mr. Ciceri played for two years at Stratford-on-Avon and from there went on to appearances at the Edinburgh Festival and on the London and New York stages. A bilingual actor, he has also appeared in French plays in Montreal. Mr. Ciceri is returning as guest artist, having played the title role in the 1958 University Festival production of "Everyman." He will also instruct.

Sydney Risk, M.A., Cornell: Formerly head of the Drama Department of the University of Alberta, instructor at the Banff School of Fine Arts, and founder and director of the Everyman Theatre, Mr. Risk is now supervisor and theatre field worker for the Department of University Extension at the University of British Columbia.

Ian Thorne, L.R.A.M., L.G.S.M.: Founder and director of the professional theatre companies, the "York Theatre Company" and the "Lancaster Theatre Company", Mr. Thorne has had a varied and successful career as actor, director, playwright, lecturer and teacher.

Donald Soule, M.A., Wisconsin: Assistant Professor of Theatre, University of British Columbia. A recipient in 1957-58 of a Fullbright Scholarship for theatre research in England, Mr. Soule prior to that time was associated with the Universities of Wisconsin, California and Stanford where he lectured, directed and acted. He managed and directed for his own Repertory Theatre in Wisconsin, managed a touring company and directed for T.V. As an actor he has appeared at the Oregon Shakespearian Festival.

Sidney Bennett, M.F.A., Boston: Theatre Technical Director for the University and Production Manager for the Summer School of Theatre. Before coming to Canada Mr. Bennett was Technical Director for the Berkshire Playhouse in Massachusetts.

Jessie Richardson: Member of the National Executive Committee of the Dominion Drama Festival and a director of the "Holiday Theatre," Mrs. Richardson is well-known as an actress, adjudicator and stage costume designer. She has for many years been a member of the staff of the Summer School of Theatre.

Janie S. Stevenson, L.R.A.M., L.G.S.M., A.L.A.M.: Before coming to British Columbia, where she is well-known as teacher, director and adjudicator, Miss Stevenson taught Drama and Speech in the schools of Scotland in addition to her work in acting, broadcasting and adjudicating. Miss Stevenson is returning for her third year to the Summer School of Theatre.

Betty Gemmill: A member of the staff of the Summer School of Theatre in 1958, singer and teacher of singing and speech, Miss Gemmill has her own studio in Toronto and has taught for both the School of Music and the Department of Extension of the University of Toronto.

Milton Howarth, M.F.A., Carnegie Institute of Technology: A member of the United Scenic Artists, Mr. Howarth has designed for such artists as Katherine Cornell, Helen Hayes, Gertrude Lawrence, Dame Mae Whitty and Melvyn Douglas. As a painter he has exhibited both in France and the United States. This will be Mr. Howarth's second year with the Summer School of Theatre.

Gwen Bradley, B.H.E.: Costume Assistant to the Summer School of Theatre.
Lawrence Lynds, B.A., B.Ed.: Technical Assistant to the Summer School of Theatre.

COURSES

Theatre Practice: Acting I and Speech I
(Theatre 200 Credit Course, and Extension Department non-credit course).
The theory and practice of acting; fundamentals of voice production and speech; participation in a play. This course includes the following two subjects:

Acting I: Principles of acting, improvisation, creating a character, the body as an instrument of expression, class presentation of acting scenes.

Speech I: Breath control, voice production, tone quality, clarity and projection, interpretation of the spoken line.

Students having the 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 a week. Rehearsals in addition.
Mr. Thorne, Mr. Gill, Miss Gemmill, Miss Stevenson.

Acting II
Advanced acting class. Students will be asked to prepare scenes for class discussion and criticism.
Prerequisite: Acting I or its equivalent and the consent of the instructor.
Five hours a week.
Mr. Gill.

Speech II
Advanced training stressing efficient and expressive speech. Students will be asked to prepare selections for individual discussion and criticism.
Prerequisite: Speech I or its equivalent and the consent of the instructor.
Five hours a week.
Miss Stevenson.

Stage Movement
Daily practice in body mechanics for the actor. This course is compulsory for all acting students of the Summer School of Theatre unless exemption is requested on medical grounds.
Two and a half hours a week.
Mr. Ciceri.

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, setting and conduct of rehearsals.

Prerequisite: A course in Acting I and Speech I equivalent to that offered at the Summer School of Theatre, and the consent of the instructor based on the student's previous experience in acting or directing plays. Mature students with considerable acting or directing experience, but without the prerequisites of Acting I or Speech I, will, upon the consent of the instructor, be admitted to this course.

Ten hours a week.

Dr. Loper.

History of the Theatre

(Theatre 300 Credit Course, and Extension Department non-credit course)

A survey of Western theatrical presentation from the Greek era to the present. Representative plays of important periods, with special emphasis on dramatic theory and styles of playwriting, theatres, scenic effects, styles of production and acting.

Ten hours a week.

Mr. Soule.

Children's Theatre

(Theatre 301 Credit Course in the Faculty and College of Education only, and Extension Department non-credit course).

A study of the creative approach to Child Drama (drama *with* children), and to theatre presentation *for* children, in the Elementary School age, primary and intermediate divisions. The course will consist of lectures, and of laboratory periods in which students will observe and assist in (a) classes in Child Drama conducted by the instructor with a group of children, and (b) participation in the preparation by students of a play for children.

Ten hours a week and rehearsals.

Mr. Way.

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.

Ten hours a week.

Mrs. Richardson, Mr. Bennett, Miss Bradley, Mr. Risk.

Scene Design and Lighting

A course designed for students who wish to specialize in the scenic aspects of stage production, or for directors who wish to know more about them. The principles of Scene Design and Stage Lighting will be discussed and students will be asked to work on problems related to specific plays or scenes from plays. The instructor's experience will be particularly valuable in a field which still leaves much to be desired in Canadian theatre.

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

Eight hours a week.

Mr. Howarth.

Participation in 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 credit for Theatre 200 or an Extension Department 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 credit or the University Extension Department certificate.

Time Table (Subject to change)

8:30-12:20	Speech I	Theatre 200
8:30-12:20	Acting I	Theatre 200
8:30-12:20	Stagecrafts	

Classes in Acting I and Speech I are of fifty minutes duration, the classes in Stagecrafts of one hour and fifty minutes. Students will be assigned to various sections within the times indicated.

8:30-10:20	Directing	
10:30-12:20	Speech II	Sections will be arranged in these two courses so as to avoid conflicts.
10:30-12:20	Acting II	Sections will be arranged in these two courses so as to avoid conflicts.
10:30-12:20	Scene Design and Lighting	
10:30-12:20	History of Theatre (Theatre 300)	
1:30- 2:30	Children's Theatre (Theatre 301)	
2:30- 3:00	Stage Movement	
3:00- 5:30	Children's Theatre (Theatre 301 continued)	
3:00- 5:30	Rehearsals (Additional evening and week-end rehearsals will be called at the discretion of the directors)	

Opening Meeting of the School

Monday, June 29th, at 10:00 a.m. in the University Auditorium

Fees

Full non-credit course (two or more subjects)	$70.00
Theatre 200,300 or 301 (for credits)	66.00
(Credit students taking an additional non-credit course will be required to pay an additional $4.00)	
Single non-credit subjects	35.00
Stagecrafts, Scene Design and Lighting Lab. fee	2.00
Summer Session Association fee	2.00

N.B.—Participation in a play is included in all the above.

N.B.—Theatre 200, 300 and 301 (credit courses) are equally available to credit and non-credit students. Credit students, instead of applying to the Extension Department, must complete their registration through the Registrar's Office by June 1. See Page 11 for regulations.

Scholarships and Bursaries

Applications for scholarships and bursaries must be received by May 1. Information concerning applications will be forwarded upon request.

SUMMER SCHOOL OF MUSIC

The University is proud of the contribution it has been able to make to the development of opera in Canada. From a simple beginning in which students, at the conclusion of their studies, presented recitals of opera excerpts, the Summer School of Opera has progressed to the point where it now regularly offers each summer the full-scale production of one or more operas. Moreover, former students of the School have in many cases proceeded elsewhere to professional engagements in opera.

Mr. George Schick, a member of the Metropolitan Opera Association, will return to the University as Director of the School of Music. Formerly Music Coordinator for the Television Opera Company of the National Broadcasting Company, Mr. Schick has conducted opera and symphony in Europe, England, Canada and the United States. In addition to his classes in Opera Singing and to conducting the operas presented at the conclusion of the School, he will give courses in Opera Conducting and Coaching, the Study of French and German Song Literature, and Sight Reading. Mr. Robert Gill, of Hart House Theatre, University of Toronto, one of Canada's outstanding stage directors and for many years associated with the Summer School of Opera will conduct classes in Acting for Opera and will stage the operas presented by the students. Mr. John Coveart, of the Royal Conservatory of Music, Toronto, will return to the University for his third season as Assistant Conductor and Coach.

SUMMER SCHOOL OF OPERA

June 29-August 22

The Summer School of Opera includes classes in the musical and dramatic study of standard opera repertoire in excerpts, production rehearsals and performance in the operas or opera excerpts presented at the conclusion of the School.

Staff

George Schick: Conductor for the Prague Opera for twelve years, since leaving his native country of Czechoslovakia Mr. Schick has directed and conducted for Covent Garden in England, and in the United States for the New Opera Company, the San Carlo Opera and the Baccoloni Opera Company. In addition he has conducted for many of the great symphony orchestras, including the Chicago Symphony Orchestra with which he was associated for six years. After serving for two years as conductor and Music Co-ordinator of the National Broadcasting Corporation, Mr. Schick joined the conductorial staff of the Metropolitan Association in New York in October, 1958.

Robert Gill, M.A., Carnegie Institute of Technology: Director of Hart House Theatre, University of Toronto: As opera stage director Mr. Gill has made an outstanding contribution to the development of opera in Canada, both in Vancouver, where he has staged the University's summer opera productions, and in Toronto, where he staged "La Boheme" for the 1958 Toronto Opera Festival and where he teaches for the Opera School of the Royal Conservatory of Music. It is with pleasure that the University welcomes his return for a fourth season to the School of Opera.

John Coveart: Concert pianist, vocal coach and member of the piano faculty and Board of Examiners of the Royal Conservatory of Music, Toronto, Mr. Coveart returns to the School of Opera for a third year as Assistant Conductor and Coach.

Jean Erdman: Concert artist and outstanding contemporary choreographer, Miss Erdman is head of her own dance company.

Courses

All classes to be held in the **University Hill High School**

Acting for Opera: June 29-August 7

Dramatic Study of Standard Opera Repertoire in Excerpts.

Mr. Gill, Miss Erdman.

Monday through Friday, 7:30-9:30 p.m.

Individual Instruction in Musical Study of Standard Opera Repertoire in Excerpts: June 29-August 7.

Mr. Schick, Mr. Coveart.

Times arranged by instructors in consultation with students.

Production Rehearsals: June 29-August 22 (including performances)

Mr. Schick, Mr. Gill, Mr. Coveart.

Times arranged by instructors in consultation with students.

The Opera courses will concentrate upon the preparation of an evening of opera excerpts and on the production of a double bill for which the following operas are proposed: "Il Tabarro" (The Cloak) by Puccini, and "La Cambiale di Matrimonio" (The Mail-Order Bride) by Rossini, both to be presented in English. Scores for the operas will be provided by the Extension Department.

Students will have the opportunity of studying excerpts from the standard opera repertoire, including arias, duets and scenes in English, French, German and Italian. They will be expected to provide their own music; they are urged to make a point of bringing with them those operas from which they wish to study.

Auditions: Admission to the Opera courses will be by audition. Preliminary auditions will be held in Vancouver on the morning and afternoon of June 24 and the morning of June 25; and final auditions on the afternoon of June 25 and the morning and afternoon of June 26.
For further information concerning auditions write or telephone the Department of University Extension, University of British Columbia, Vancouver 8, B. C.—ALma 4600, Local 531.
Out-of-town students wishing to apply, but unable to audition in person in advance of the course, are requested to send in letters giving full details of training and concert experience (if any) as well as two letters of recommendation from persons with a knowledge of singing.

Fees:

Complete Opera Course	$70.00
Auditors	25.00
Summer Session Association fee	2.00

MASTER CLASSES IN OPERA COACHING AND CONDUCTING

July 6-August 7

Mr. George Schick

Students will participate in the preparation of an evening of Opera Excerpts, and the three performances of the operas "Il Tabarro" (The Cloak) by Puccini and "La Cambiale di Matrimonio" (The Mail-Order Bride) by Rossini.

Monday, Wednesday and Friday, 3:00-4:00 in the Director's studio, University Hill High School.

Registration: The Master Classes will be limited to six students, chosen on the basis of background and experience. Application for admission, giving full particulars of the candidate's previous training and experience, should be addressed in writing to the Department of University Extension and should be recived not later than June 1.

Fees: $45.00

THE STUDY OF FRENCH AND GERMAN SONG LITERATURE

July 13-August 5

Mr. George Schick.

These classes will be given over a period of four weeks, during which time Mr.Schick will direct his students in the interpretation of French and German Song Literature. The classes will consist of individual half-hour lessons arranged in consultation with the instructor between the hours indicated.

Students will be responsible for providing their own music and are urged to bring a generous supply for purposes of selection.

Mondays and Thursdays, 12:00-2:00 p.m. in the Director's Studio, University Hill High School.

Fees: $6.00 per half-hour lesson.

Auditions: Acceptance of students for lessons will be by audition.

Preliminary auditions: morning and afternoon of June 24 and morning of June 25.

Final auditions: afternoon of June 25 and morning and afternoon of June 26.

Appointments for auditions may be made by writing the Extension Department or telephoning Alma 4600, local 531.

Out-of-town students wishing to apply, but unable to audition in person in advance of the course, are requested to send in letters giving full details of training and concert experience (if any), as well as two letters of recommendation from persons with a knowledge of music.

SIGHT READING CLASSES

July 6-July 31

Mr. George Schick.

Tuesdays and Thursdays, 3.00-4:00—University Hill High School.

Fees: $15.00.

This course is open to all summer session students and to any other persons who may wish to apply.

SCHOLARSHIPS AND BURSARIES

Applications for scholarships and bursaries must be received for all courses by May 1. Information concerning applications will be forwarded upon request.

SUMMER SCHOOL OF VISUAL ARTS AND CRAFTS

This year two distinguished artists from Quebec, painter Jacques de Tonnancour and sculptor and ceramicist Louis Archambault, will instruct in the Summer School of Visual Arts and Crafts. There will be an exhibition of French Canadian Art at the Vancouver Art Gallery in conjunction with the Vancouver International Festival of the Arts.

Staff

Jacques de Tonnancour, nationally famous painter from Quebec, has been the holder of grants and fellowships both from the Government of Brazil and the Canada Council. His work is represented in public and private collections in Canada and abroad and has won many national prizes. He was an exhibitor both at the Brussels Exhibition and the Venice Biennale in 1958.

Louis Archambault did the 125-foot free-standing ceramic mural for the Brussels Exhibition, and has carried out many large scale pieces for public and private buildings in Montreal, Ottawa and Toronto. His work was represented in the Festival of Britain Sculpture Exhibition, at the 10th and 11th Milan Triennale and the 28th Venice Biennale, and is in national collections both here and abroad. He has worked in France under a Canadian Government Fellowship.

John Dobereiner, Director of Children's Art for the Extension Department, has become increasingly well known over the past four years for his highly successful classes "Creative Art for Children." He is a graduate of the Vancouver School of Art and is at present teaching at Richmond High School.

Philip Thomas is the art teacher at David Livingstone Elementary School. He is well known for his teaching in the Painting in the Parks programme and at the Vancouver Art School.

PAINTER'S STUDIO: June 29-August 15.

These courses will provide practical opportunity for work from life, still-life, landscape, and from imagination, and will bring students into contact with the ideas and stimulus of painting in French Canada.

Section A:

For more advanced students. Monday through Friday, 10 a.m.-12 noon.

Section B:

For less advanced students and beginners. Monday through Friday, 2 p.m.-4 p.m.

Both sections to be held in Painting Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

Mr. de Tonnancour.

Fee: $35.00 for each section.

CERAMIC SCULPTURE: July 27-August 15.

This course should be of interest to both sculptors and potters since it will combine the study of the techniques of both fields and introduce students to the immense possibilites of ceramic-sculpture.

Monday through Friday, 10 a.m.-12 noon, and 2 p.m.-4 p.m. in the Ceramics Hut, Arts and Crafts Centre, Acadia Camp, University Campus.

Mr. Archambault.

Fees: $50.00 (including lab fee).

THE THEORY OF CONTEMPORARY ARCHITECTURE: June 29-August 15

This course will deal with problems—aesthetic, technical and professional—as much the concern of artists as of architects. It will be a sequence of lectures, seminars, and workshop projects, essentially concerned with a broad survey of contemporary architectural thinking, and will be conducted by an eminent member of the profession specializing in the relationship of these fields.

Monday through Friday, 2:30 p.m.-5:30 p.m., School of Architecture, U.B.C. Campus.

Fee: $50.00

CREATIVE ART FOR CHILDREN: June 29-August 15.

The children's art programme is concerned with the total creative and mental growth of the child through art. A variety of activities such as group murals, drawing from nature, imaginative works, rhythmics and field trips 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 will be held in the Model and Experimental Studio designed and constructed as a joint project of the Extension Department and the Faculty of Education.

Ages 6 - 9: Monday and Wednesday, 10:30 a.m.-12:30 p.m.

Ages 9-13: Tuesday and Thursday, 10:30 a.m.-12:30 p.m.

All classes to be held in the Children's Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

Mr. Dobereimer, Mr. Thomas.

Fee: $12.00.

SCHOLARSHIPS AND BURSARIES

Applications for scholarships and bursaries must be received by May 1. Information concerning applications will be forwarded upon request.

SUMMER SCHOOL OF DANCE

June 29-July 25

The University is pleased to announce that this year, for the first time, the Summer School of the Arts will include within its programme a Summer School of Dance. The Guest Director of these courses will be the distinguished and well-known artist, Miss Jean Erdman. Miss Erdman is recognized as one of the finest contemporary choreographers and a leader among the "moderns." She has appeared as a concert artist and as head of her own company.

Miss Erdman is as conversant with the dance traditions of the East as she is with those of the West. She will present a lecture-demonstration for the public on a comparative study between the two during the Summer School.

Assisting Miss Erdman and instructing the course in National Folk Dance will be a panel of experts, each of whom is a specialist in a particular dance style. The co-ordinator for the Summer School of Dance is Mrs. Helen Goodwin, lecturer in dance for the School of Physical Education, University of British Columbia.

Special Events

July 9: Lecture-demonstration — "Dance Tradition and Dance Invention, East and West," based on the language of movement in occidental and oriental theatre dance. Miss Jean Erdman.

July 21: Creative Dance Recital—Miss Jean Erdman.

Courses

Movement Analysis

A study of movement resources in relation to the body as an instrument of expression.

Monday through Friday, 8:15-9:15 a.m. in Dance Studio.
Miss Erdman.

National Dance Styles

(Physical Education 244 Credit Course, and Extension Department non-credit course).

Israeli, Serbian and Ukrainian will be among the dance styles included in this year's course.

Monday through Friday, June 29 to July 17, 9:15-10:15 a.m. in Women's Gymnasium.

Dance History

The development of dance from its primitive beginnings to contemporary forms. This will be a lecture series with active student participation.

Monday through Friday, 11:00-12:00 a.m., in Dance Studio.
Miss Erdman.

Contemporary Dance (including its application to theatre)

Students will study the forms and techniques appropriate to creative dance expression and will participate in a dance production of their own design under Miss Erdman's supervision.

Monday through Friday, 1:30-3:30 p.m., and rehearsals as scheduled in the Dance Studio.

All students wishing to take the Contemporary Dance course are required to attend the course in Movement Analysis, unless advised otherwise by the instructor.

Miss Erdman.

Opening Meeting of the School

Monday, June 29, at 10:30 a.m. in the Dance Studio.

Fees

Full non-credit course (four subjects)	$45.00
Credit course—3 units—(four subjects)	66.00
Movement Analysis, National Dance Styles or Dance History (taken as a single subject)	17.50
Contemporary Dance (taken as a single subject)	27.50
Summer Session Association fee	2.00

Bursaries

Applications for bursaries must be received by May 1. Information concerning applications will be forwarded upon request.

Credits

Students interested in obtaining credit for the above courses towards a major in Physical Education (either for the B.P.E. or B.Ed. degree) should, instead of writing to the Extension Department, apply to the Director of the School of Physical Education. *Registration must be completed by June 1 through the Registrar's office.* *See Page* 11.

FESTIVAL PREVIEW

Lister Sinclair Interviews Guest Artists and Visiting Lecturers

Mr. Lister Sinclair, well-known Canadian writer and broadcaster, will chair a series of noon-hour interviews with visiting artists of the Vancouver Festival and faculty members in the Fine Arts and Humanities. The interviews are planned to present a comparative course in music, drama, literature, dance and the visual arts.

These events, sponsored jointly by the Summer School of the Arts and the Summer Session Association, with financial assistance from the Center for the Study of Liberal Education for Adults, will be open to all Summer School students and the general public. They will be held in Buchanan 106, Mondays, Tuesdays, Thursdays and Fridays at 12:30-1:30 p.m., from July 6 to July 24, 1959.

SUMMER SCHOOL FINE ARTS LECTURE SERIES

This year the Extension Department will present a series of evening lectures devoted entirely to the Fine Arts. It is planned to include among the lecturers many of the distinguished artists and art specialists taking part in the U.B.C. Summer School of the Arts. The principal theme of this series, presented one night a week from July 2 through August 6, will be contemporary trends in the arts, including, among others, painting, sculpture, architecture and the dance.

These lectures, scheduled for 8:00 p.m. on Thursday evenings, are open to the public, and there will be a minimal admission charge of $ .50. A complete programme listing speakers and topics will be issued in May.

DEPARTMENT OF UNIVERSITY EXTENSION

Summer School on Public Affairs and Special Programs—1959

This year the University has established a new section of the Summer School, the Summer School on Public Affairs and Special Programs. It will be administered by the Department of University Extension under the direction of a newly-formed President's Committee of interested faculty members. The program will consist of a number of non-credit courses and activities in the area of public affairs, as well as of certain other courses which are held at the University during the Summer School period.

This being the first year of operation of the new program, full details of the various courses are not yet available. A separate brochure will be printed at a later date containing full information. It has been decided that each summer, at least one course will be offered in each of three major areas of public affairs:

1. local and provincial affairs
2. national affairs
3. international affairs

Tentative plans have been made for activity in each of these areas.

For detailed information on any of the following programs and for a copy of the brochure describing all these courses, write:

Summer School on Public Affairs,
Extension Department,
University of British Columbia,
Vancouver 8, B.C.

PUBLIC AFFAIRS COURSES

Arrangements for these courses are not yet complete. Further details on all courses, only some of which are listed, are available from the address above.

A SEMINAR ON INDIA

A five-day seminar on various aspects of affairs in India will be held at the University from August 17th to 21st. This seminar will be organized along the same general lines as were the previous ones on Japan (1957) and Malaya (1958). Lecturers will include Mr. C. S. Venkatachar, High Commissioner for India in Ottawa, and Dean F. H. Soward, Head of the History Department at U.B.C., who is spending the first half of 1959 in India conducting a special post-graduate seminar. Final arrangements for the other lecturers have not yet been completed.

The program will consist of lectures and discussion on political, economic, social and cultural affairs in India, as well as on India's role in the international community. Relevant films and pamphlet material will also be used. Special events will include an evening on the tourist attractions of India presented by a representative of the Government of India Tourist Office in San Francisco.

The need for Canadians to come to a greater understanding of the peoples of Asia is apparent. It is hoped that this opportunity to learn more about India, a leading nation in the Commonwealth and amongst the nations of Asia and the world, will be of service to the citizens of this area.

For further details, contact the Extension Department.

UNITED NATIONS HIGH SCHOOL SEMINAR

The Summer School on Public Affairs is pleased to assist with the Seventh Annual United Nations High School Seminar which this year will be held at the University from August 30th to September 4th. The sponsors of the seminar are the Vancouver and Victoria Branches of the United Nations Association in Canada. The theme of the seminar in 1959 is "The United Nations and Three Patterns for Asia" and the program will consist of sessions on the United Nations itself and on India, China and Japan.

Interested senior high school students may obtain further information from the Extension Department or from the Vancouver Branch of the United Nations Association at 1300 Robson Street, Vancouver.

PUBLIC AFFAIRS LECTURE SERIES

Preliminary plans have been made for a lecture series on topical public affairs subjects on Tuesday evenings during the Summer Session. The first lecture will be held on July 7th. A detailed program for the series will be available at a later date from the Extension Department of the University.

OTHER SPECIAL PROGRAMS

TEACHER IN-SERVICE WORKSHOPS AND SHORT COURSES

The British Columbia Teachers' Federation, in co-operation with the Department of University Extension, will sponsor Short Summer Courses for the third year.

For registration or information contact W. V. Allester, B.C. Teachers' Federation or B. E. Curtis, Extension Department, U.B.C.

Workshop: "Teaching Social Studies and Science in the Primary Grades."

Director: Miss K. R. McKillop, Head Teacher, Fleming Annex, Vancouver.
On Campus, July 13 to 24 inclusive. Fee $20.00.*

Workshop: "Developmental and Remedial Reading Methods in Intermediate Grades."

Director: Miss Jean Bailey, Intermediate Supervisor, Burnaby.
On Campus, July 27 to August 7 inclusive. Fee $20.00.*

Workshop: "To Consider Topics in Modern Mathematics Appropriate for Inclusion in the High School Programme."

Director: Dr. R. D. James, Department of Mathematics, U.B.C.
On Campus, July 6 to 17 inclusive. Fee $20.00.*

Seminar: "The Value of Linguistics in the Teaching of English in the Secondary Grades."

Director: D. Dashwood-Jones, Vice-Principal, Inglewood Junior High School ,West Vancouver.

B.C. Teachers' Building, July 3rd and 4th. Fee $5.00.†

OTHER COURSES

Other courses on metropolitan planning, Canadian-American relations, and the Gordon Commission Report are being planned.

Short Courses "Demonstration Techniques in High School Physics."

A series of unique demonstrations in Mechanics, Heat, Sound. Light, Electricity, Magnetism and Modern Physics. Designed for teachers of science to adapt to their own teaching situations. Ample time will be available for discussions.

Lecturer: Dr. Julius Sumner Miller, Professor of Physics, El Camino College in California, and Associate Research Physicist and Visiting Professor at U.C.L.A.

On Campus, August 3 to 12, (inclusive). Two hours of formal presentation each day.

Fee $15.00

Short Course: For Teachers of the Moderately‡ Retarded.

Director: Dr. J. A. Richardson, Professor of Special Education, College of Education, U.B.C. In co-operation with the Association for Retarded Children of B. C.

On Campus, July 13 to 31 inclusive.

Workshop: "Essentials of Public Speaking."

Director: Mrs. Joan Pearce.

On Campus, July 6 to 24, Monday to Friday, 3:30 to 5:30 p.m. Fee, $20.00.

For fuller description, see below.

*Registration limited to 30.

†Registration limited to 60.

‡30 to 55 I.Q. approximately.

WORKSHOP: HUMAN RELATIONS IN ADMINISTRATION

July 13 to 24, inclusive.

Place: To be announced.

Fees: $100.00.*Since registration must be limited, applications should be received before June 15, 1959.*

Co-ordinator: Mr. Alan Thomas, College of Education, and Supervisor, Communications, Department of University Extension.

Guest Consultants: Mr. Maxwell E. Canterbury, Management Development Co-ordinator, and Dr. Urwin Rowntree, Director, Management Development (Seattle Division), Boeing Airplane Company.

"Good administration evokes the uniqueness of the individual in work of high quality."

A two-week workshop on principles of human relations in the administration of various types of organizations—business, industrial, public and educational. The opportunity to develop self-perception and an understanding of others will be provided by means of role plays, observation, case studies and discussion. Special attention will be given to improving the effectiveness of interviews, staff discussions and conferences.

DEMONSTRATION COURSE IN PRE-SCHOOL METHODS

July 6 to 24.

Monday to Friday, 10:00 a.m. to 12:00 noon; 1:00 p.m. to 3:00 p.m., in Hut 41, Acadia Camp, University Campus.

Fees: $25.00. *Since registration must be limited, applications should be received before June* 15, 1959.

This course is designed to provide instruction, demonstration and practice in the principles and methods of pre-school education. During morning sessions students will observe classes of four and five-year-old children. Afternoon sessions will be lecture-discussion periods, correlated with the morning's observation. Students who have high school graduation standing will receive a certificate on successful completion of the course. This certificate will be recognized by the Welfare Institutions Licensing Board of the B.C. Department of Welfare. This course is also correlated with the correspondence course, "Child Development and Pre-school Education", offered by the Extension Department of the University of B. C.

WORKSHOP: ESSENTIALS OF PUBLIC SPEAKING

July 6 to 24

Monday to Friday 3:30 to 5:30 p.m.

Fees: $20.00. *Since registration must be limited, applications should be received by June 15, 1959.*

Instructor: Mrs. Joan Pearce. Mrs. Pearce holds a Teacher's Diploma in Speech and is a Licentiate in Speech from Trinity College, London. She has done considerable broadcasting over the BBC and CBC, and has taught speech for the Vancouver School Board and the University Extension Department.

This will be a beginning course in public speaking dealing with the composition and delivery of the extemporaneous speech. The purpose is to develop the ability to handle with some ease and competence the demands for public speaking which commonly confront the educated person. Individualized practice will be given throughout. A more advanced second course will be offered during the subsequent weeks if there is a demand for it.

Further enquiries and registrations should be sent to Public Speaking Workshop, Extension Department, University of British Columbia, Vancouver 8.

COURSES IN COMMUNICATIONS

FILM PRODUCTION: July 20 to August 7.

Fees: Lecture $25.00. Laboratory $15.00.

A basic introduction to the essentials of film production. Editing, camera work, etc., will be undertaken.

Limited to 30 *people.*

SPEECH FOR BROADCASTING: July 20 to August 7.

Fees: $25.00.

Limited to 30 *people.*

Dr. P. Read Campbell.

The fundamentals of good speech for broadcasting. Voice production, pronunciation, etc., will be emphasized.

ACTING FOR TELEVISION: July 20 to August 7.

Fee: $25.00.

Instructor: Mr. R. Orchard.

A class for advanced actors interested in tutorial aspects of acting for television.

Limited to 30 *people.*

Prerequisites: Acting or comparable experience.

SEMINAR ON COMMUNICATIONS: July 20 to August 7.
(Tentative only)

Fee: $25.00.

A study of basic theories and practices in contemporary communication systems.

VANCOUVER INTERNATIONAL FESTIVAL—1959

First Week

SATURDAY, JULY 11th

New Civic Auditorium, 8:30 p.m.

Conductor: Herbert von Karajan

Beethoven Programme: Coriolan Overture, Symphony No. 6 and No. 7

University Art Gallery. *

Monday thru Friday, June 29th to August 14th

SUNDAY, JULY 12th

Vancouver Art Gallery, 9 p.m.

Opening: **"The Arts in French Canada"**

MONDAY, JULY 13th

New Civic Auditorium, 8:30 p.m.

Second Symphony Concert. Conductor: Herbert von Karajan Violinist, Betty-Jean Hagen. Beethoven programme.

University, Buchanan 106, 12:30 p.m.*

Festival Preview—Lister Sinclair interviews guest artists and visiting lecturers.

TUESDAY, JULY 14th

International Cinema, 8:30 p.m.

Opening night—Ballet Espanol

Ximenez-Vargas

University, Buchanan 106, 12:30 p.m.*

Festival Preview

University of British Columbia

Cassenti Players—George Zukerman, director.

Wind Octets: Beethoven, Haydn, Ibert, Mozart. **"An Outdoor Serenade."**

WEDNESDAY, JULY 15th

International Cinema, 2.30 and 8.30 p.m.

Ballet Espanol

Ximenez-Vargas

THURSDAY, JULY 16th

International Cinema, 8:30 p.m.

Ballet Espanol

Ximenez-Vargas

New Civic Auditorium, 8:30 p.m.

Recital: Elisabeth Schwarzkopf with George Schick.

University Brock Hall, 6 to 7 p.m.

CBC Chamber Orchestra. Conductor: Milton Katims. Admission free.

University, Buchanan 106, 12:30 p.m.*

Festival Preview.

University, Buchanan 106, 8:00 p.m.

Fine Arts Lecture Series. Lecturer and topic to be announced.

- **FRIDAY, JULY 17th**

  Hotel Vancouver Ballroom, 8.30 p.m.
  Recital: Marie-Aimee Warrot, Pianist
  International Cinema, 8:30 p.m.
  Ballet Espanol
  Ximenez-Vargas
  University, Buchanan 106, 12:30 p.m.*
  Festival Preview

- **SATURDAY, JULY 18th**

  New Civic Auditorium, 8:30 p.m.
  Opening Night: **"Orpheus and Eurydice."** Conductor, Fjeldstad; director, Hanya Holm. With Kerstin Meyer, Mary Costa.
  International Cinema, 2.30 and 8.30 p.m.
  Ballet Espanol
  Ximenez-Vargas

- **SUNDAY, JULY 19th**

  Vancouver Art Gallery
  French Canadian Exhibition, through to August 15th.
  University Art Gallery*
  Exhibition till August 14th, Monday through Friday.

- **MONDAY, JULY 20th**

  New Civic Auditorium, 8:30 p.m.
  3rd Symphony Concert. Conductor, Walter Susskind.
  Soloist—Zara Nelsova, cellist. Dvorak, Cello Concerto. Shostakovich V; Mercure Variations, World Premiere.
  International Cinema, 8:30 p.m.
  Ballet Espanol
  Ximenez-Vargas
  University, Buchanan 106, 12:30 p.m.*
  Festival Preview

- **TUESDAY, JULY 21st**

  New Civic Auditorium, 8:30 p.m.
  4th Symphony Concert. Conductor, Walter Susskind. Soloists, Betty-Jean Hagen, violinist; Zara Nelsova, cellist.
  Mercure, Shostakovich.
  Double Concerto, Brahms.
  International Cinema, 8:30 p.m.
  Ballet Espanol
  Ximenez-Vargas
  University, Buchanan 106, 12:30 p.m.*
  Festival Preview.
  University Auditorium, 8:30 p.m.*
  Dance Recital—Jean Erdman.

- **WEDNESDAY, JULY 22nd**

  New Civic Auditorium, 8:30 p.m.
  "Orpheus and Eurydice"
  International Cinema, 2:30 and 8:30 p.m.
  Ballet Espanol
  Ximenez-Vargas

- **THURSDAY, JULY 23rd**

International Cinema, 8:30 p.m.
Ballet Espanol
Ximenez-Vargas

Hotel Vancouver Ballroom, 8:30 p.m.
Recital: Ernst and Marie Friedlander, Cello Sonatas, Milhaud-World Premiere.

University Brock Hall, 6 to 7 p.m.
CBC Chamber Orchestra. Conductor, Milton Katims. Admission free.

University, Buchanan 106, 12:30 p.m.*
Festival Preview.

University, Buchanan 106, 8:00 p.m.*
Fine Arts Lecture Series. Lecturer and topic to be announced.

- **FRIDAY, JULY 24th**

New Civic Auditorium, 8:30 p.m.
"Orpheus and Eurydice"

International Cinema, 8:30 p.m.
Ballet Espanol
Ximenez-Vargas

University, Buchanan 106, 12:30 p.m.
Festival Preview.

University Auditorium, 8:30 p.m.*
Dance Recital—Jean Erdman students.

- **SATURDAY, JULY 25th**

New Civic Auditorium, 8:30 p.m.
CBC Chamber Orchestra. Conductor, Milton Katims. All Bach programme. Vancouver Bach Choir, Elizabeth Schwarzkopf and others.

International Cinema, 2:30 p.m. and 8:30 p.m.
Ballet Espanol
Ximenez-Vargas

- **SUNDAY, JULY 26th**

Vancouver Art Gallery
French Canadian Exhibition, through to August 15th

University Art Gallery*
Exhibition till August 14th, Monday through Friday

- **MONDAY, JULY 27th**

New Civic Auditorium, 8:30 p.m.
"Orpheus and Eurydice"

Vogue Theatre, 8:30 p.m.
Opening night—Anna Russell

- **TUESDAY, JULY 28th**

International Cinema, 8:30 p.m.
Opening night—"Mary Stuart." Director, John Reich, with Viveca Lindfors and Agnes Moorehead.

Vogue Theatre, 8:30 p.m.
Anna Russell.
Hotel Vancouver Ballroom, 8:30 p.m.
Cassenti Players Sinfonietta.
University Auditorium, 8:30 p.m.*
An evening of opera excerpts and concert literature by students of George Schick.

- **WEDNESDAY, JULY 29th**

New Civic Auditorium, 8:30 p.m.
5th Symphony Concert. Conductor, Irwin Hoffman. Soloist, Rudolf Firkusny, pianist.
Corelli Suite. Mozart Concerto, K. 271. Stravinsky, Capriccio, Hindemith, Mathis Der Maler.
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 8:30 p.m.
Anna Russell.

- **THURSDAY, JULY 30th**

New Civic Auditorium, 8:30 p.m.
Recital—Rudolf Firkusny
International Cinema, 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 8:30 p.m.
Anna Russell.
University Brock Hall, 6 to 7 p.m.
CBC Chamber Orchestra. Conductor, Oivin Fjeldstad. Admission free.
University, Buchanan 106, 8:00 p.m.*
Fine Arts Lecture Series. Lecturer and topic to be announced.

- **FRIDAY, JULY 31st**

New Civic Auditorium, 8:30 p.m.
"Orpheus and Eurydice"
International Cinema, 8:30 p.m.
"Mary Stuart"
Hotel Vancouver Ballroom, 8:30 p.m.
Hungarian Quartet
Vogue Theatre, 8:30 p.m.
Anna Russell.

- **SATURDAY, AUGUST 1st**

New Civic Auditorium, 8:30 p.m.
Sixth Symphony Concert. Conductor, Nicholas Goldschmidt. Soloists, Elizabeth Schwarzkopf, Kerstin Meyer, Ernst Haefliger. Festival Chorus.
Vivaldi: Gloria and Bruckner: Mass in F Minor.
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 8:30 p.m.
Anna Russell.

- **SUNDAY, AUGUST 2nd**

Vancouver Art Gallery
French Canadian Exhibition through to August 15th

- **MONDAY, AUGUST 3rd**

New Civic Auditorium, 8:30 p.m.
Recital: Ernst Haefliger with George Brough. Also with Rudolf Firkusny and Milla Andrew:
Janacek, "The Diary of One Who Vanished."
International Cinema, 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 8:30 p.m.
Opening Vancouver Film Festival

- **TUESDAY, AUGUST 4th**

New Civic Auditorium, 8:30 p.m.
"Orpheus and Eurydice"
International Cinema, 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
Frederic Wood Theatre, 8:30 p.m.*
Dramatic production

- **WEDNESDAY, AUGUST 5th**

New Civic Auditorium, 8:30 p.m.
Mozart programme. Conductor, Bruno Walter. Soloist, Elisabeth Schwarzkopf
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
Frederic Wood Theatre, 8:30 p.m.*
Dramatic production

- **THURSDAY, AUGUST 6th**

International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Hotel Vancouver Ballroom, 8:30 p.m.
Hungarian Quartet
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University Brock Hall, 6 to 7 p.m.
CBC Chamber Orchestra. Conductor, Robert Craft. Admission free.
University, Buchanan 106, 8:00 p.m.*
Fine Arts Lecture Series. Lecturer and topic to be announced.
Frederic Wood Theatre, 8:30 p.m.*
Dramatic production.

- **FRIDAY, AUGUST 7th**

New Civic Auditorium
Mozart programme. Conductor, Bruno Walter. Soloist, Elisabeth Schwarzkopf
International Cinema, 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.
Frederic Wood Theatre, 8:30 p.m.
Dramatic production*

- **SATURDAY, AUGUST 8th**

Hotel Vancouver Ballroom, 8:30 p.m.
Montreal Bach Choir. Conductor, George Little. Bach Motet, Stravinsky Mass.
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.
Frederic Wood Theatre, 8:30 p.m.*
Dramatic production.
University, 2:00-10:00 p.m.*
Students' Exhibition of Painting and Sculpture.

- **SUNDAY, AUGUST 9th**

Vancouver Art Gallery
French Canadian Exhibition through to August 15th
University, 2:00-10:00 p.m.*
Students' Exhibition of Painting and Sculpture.

- **MONDAY, AUGUST 10th**

New Civic Auditorium, 8:30 p.m.
Opening night, Takarazuka Dance Theatre
International Cinema 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.

- **TUESDAY, AUGUST 11th**

New Civic Auditorium, 8:30 p.m.
Takarazuka Dance Theatre
International Cinema, 8:30 p.m.
"Mary Stuart"

Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.
University Auditorium, 8:30 p.m.*
"Caucasian Chalk Circle," by Bertolt Brecht, directed by Robert Loper and starring Leo Ciceri.

• WEDNESDAY, AUGUST 12th
New Civic Auditorium, 2:30 and 8:30 p.m.
Takarazuka Dance Theatre
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Hotel Vancouver Ballroom
Hungarian Quartet. Harry Somers String Quartet, World Premiere.
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.
University Auditorium, 8:30 p.m.*
"Caucasian Chalk Circle."

• THURSDAY, AUGUST 13th
New Civic Auditorium, 8:30 p.m.
Takarazuka Dance Theatre
International Cinema 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University Brock Hall, 6 to 7 p.m.
CBC Chamber Orchestra. Conductor, Robert Craft. Admission free.
University, 2:30 p.m.*
Children's Theatre production.
University Auditorium, 8:30 p.m.*
"Caucasian Chalk Circle."

• FRIDAY, AUGUST 14th
New Civic Auditorium, 8:30 p.m.
Takarazuka Dance Theatre
International Cinema, 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University of British Columbia
Open Air Concert, Montreal Bach Choir. Conductor, George Little.
University, 2:30 p.m.*
Children's Theatre production.
University Auditorium, 8:30 p.m.*
"Caucasian Chalk Circle."

• SATURDAY, AUGUST 15th

New Civic Auditorium, 2:30 and 8:30 p.m.
Takarazuka Dance Theatre
International Cinema, 2:30 and 8:30 p.m.
"Mary Stuart"
Vogue Theatre, 1:00 p.m., 5:30 p.m., 8:30 p.m.
Vancouver Film Festival.
University, 2:30 p.m.*
Children's Theatre production.
University Auditorium, 8:30 p.m.*
"Caucasian Chalk Circle"

CLOSING OF VANCOUVER INTERNATIONAL FESTIVAL

For further information on Vancouver Festival events write or telephone the Vancouver Festival Society, Hotel Vancouver, Vancouver, B.C.—Mu. 3-3395.

• THURSDAY TO SATURDAY, AUGUST 20th-22nd

University Auditorium, 8:30 p.m.*

"Il Tabarro" (The Cloak) by Puccini and *"Le Cambiale di Matrimonio"* (The Mail-Order Bride) by Rossini.

*For further information on University events, marked with *, telephone Theatre Reservations at the University (Alma 4600.)

All dates and programmes subject to change.

Notes

Notes

Robert Gill

Brian Way

Jacques de Tonnancour

Dorothy Somerset

Lister Sinclair

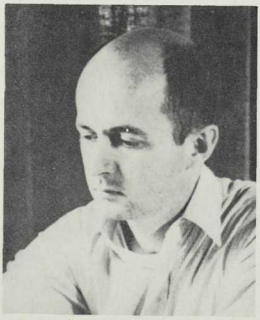
Jean Erdman

Leo Ciceri

Donald Soule

John Coveart

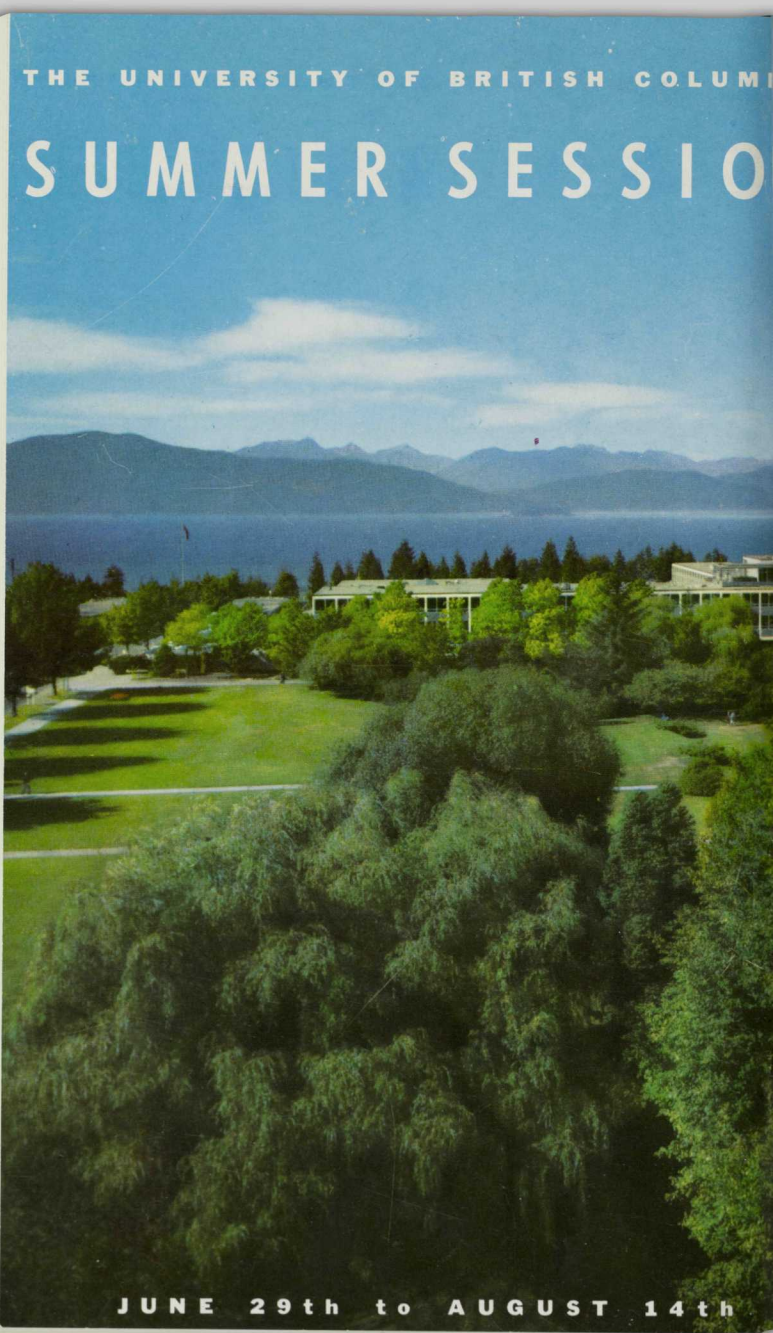
Robert Loper


Louis Archambault

George Schick

THE UNIVERSITY OF BRITISH COLUMI

SUMMER SESSIO



JUNE 29th to AUGUST 14th