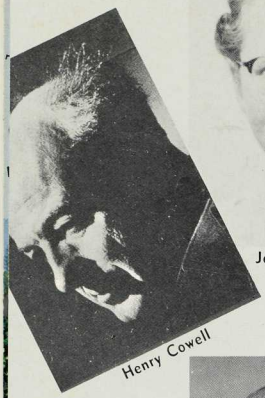
TISH COLUMBIA'S CENTENNIAL YEAR

E UNIVERSITY OF BRITISH COLUMBIA

GOLDEN JUBILEE

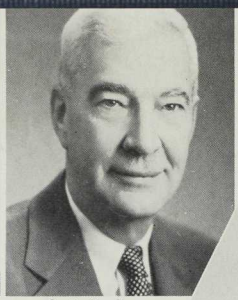
SUMMER SESSION

JULY 7th to AUGUST 21st 1958



Henry Cowell

Jennelle Thompson



C. E. Stothers

John A. R. Wilson

Dr. W. L. Morton

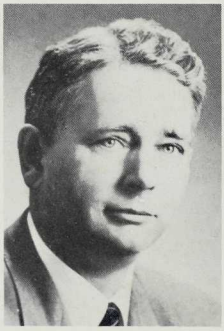
Sam Black

F. K. Hanson

H. M. Naso

Ian Thorne

Sir Arthur Binns



Malcom Ross

Jean-Paul

PUBLICATIONS OF THE UNIVERSITY OF BRITISH COLUMBIA

Announcement of The Summer Session

SUPPLEMENT TO CALENDAR 1957-1958

***Thirty-ninth Session:* JULY 7th TO AUGUST 21st, 1958**

The University of British Columbia

VANCOUVER 8, CANADA

Vol. 43, GENERAL SERIES No. 3

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SUMMER SESSION, 1958

DATES

JUNE		
10th		Last day for registration without late registration penalty.
JULY		
7th	Monday	*Last permissible day for registration and payment of fees. Lectures begin at 8:15 a.m.
8th	Tuesday	Summer Session Supplemental Examinations.
9th	Wednesday	Last day for changes in students' courses. *All changes must be reported to the Registrar's Office by this date.*
10th	Thursday	General meeting, Summer Session Association. Auditorium, 11.30 a.m. Lectures and Laboratories cancelled, 11.25 a.m.
AUGUST		
14th	Thursday	General meeting, Summer Session Association. Buchanan 106, 11.30 a.m. Lectures and Laboratories cancelled, 11.25 a.m.
19th	Tuesday	Last day of lectures.
20th	Wednesday	Final Examinations.
21st	Thursday	

*The last day for registration is July 7th—the first day of lectures. A late registration fee of $5.00 will be assessed all students registering after June 10th.

The schedule of student activities sponsored by the Summer Session Association is given on page 16.

TIME TABLE OF LECTURES, CREDIT COURSES

Monday to Friday Inclusive

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

Course	*Course*
Chemistry 101	English 200 (Section 1)
Chemistry 300	English 300 (Section 1)
Commerce 90	English 421
Commerce 151	English 430
Commerce 331	Fine Arts 101
Economics 200	*Fine Arts 300
Education 206 (Section 1) 1st hour	*Fine Arts 302
Education 208 (Section 1) 2nd hour	*Fine Arts 401 & 402
Education 307	French 210/220
Education 332	Geography 302
Education 404 (Science)	Geography 303
Education 405 (Section 1)	Geology 200
Education 406 (Section 1)	German 300
Education 407	History 304
Education 410	History 428
Education 411	Home Economics 102/104
Education 461 (Section 1)	Home Economics 105
Education 491	Latin 110/120/210/220/305
Education 530	Mathematics 101 (Section 1)
Education 535	Mathematics 201
Education 537	Music 401
Education 558	Philosophy 100
Education 566	Physical Education 310 8:15—9:10 (July 7—26)
Education 567	
Education 581 1st hour	Physical Education 210
Education 582 2nd hour	8:15—9:10 (July 28—Aug. 21)
Education 584	Physical Education 262 9:15—10:10 (July 7—Aug. 21)
English 100/101 (Section 1)	Psychology 301

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

Course	*Course*
Chemistry 205	Education 565 (Math.)
Classical Studies 331	Education 565 (Eng.)
Classical Studies 333	Education 578
Commerce 101	English 100/101 (Section 2)
Commerce 376	English 200 (Section 2)
Economics 304	English 201
Education 206 (Section 2) 1st hour	English 300 (Section 2)
Education 208 (Section 2) 2nd hour	English 413
Education 330	English 425
Education 331	Fine Arts 406
Education 400	French 300
Education 404 (H.E. practice school)	Geography 101
Education 405 (Section 2)	Geography 406
Education 406 (Section 2)	History 201
Education 408	History 320
Education 409 (Section 1)	Home Economics 101/403
Education 415	Mathematics 101 (Section 2)
Education 490	Mathematics 310
Education 508 (P.E.)	Music 302
Education 516	Music 303
Education 521	Philosophy 304
Education 557	Physical Education 219 10:25 (July 7-26))
Education 564	
Education 565 (H.E.)	10:25—11:20 (July 7—26)

10:25 a.m. - 12:20 p.m.—Continued

Course	*Course*
Physical Education 218 10:25—11:20 (July 28—Aug. 21)	Physical Education 230 12:30—1:30 (July 7—26)
Physical Education 212 11:25—12:20 (July 7—26)	Physical Education 330 12:30—1:30 (July 28—Aug. 21)
Physical Education 213 10:25—11:20 (July 7—26)	Physics 101
Physical Education 216 10:25—11:20 (July 28—Aug. 21)	Physics 203
	Psychology 305
	Spanish 90

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

Course	*Course*
Anthropology 301	(Section 2) T.Th.
Bacteriology 100	Home Economics 102 Lab.
Biology 105	(Section 1) M.W.
Commerce 371	(Section 2) T.Th.
Education 302	Home Economics 105 Lab.
Education 305	(Section 1) T.Th.
Education 333	(Section 2) W.F.
Education 390	Mathematics 202
Education 404 (Commerce)	Mathematics 306
Education 404 H.E. (Section 1 M.W.F., Section 2 M.T.Th.)	Music 201
	Music 300
Education 404 (H. & P.D.)	Music 301
Education 409 (Section 2)	Physical Education 462 1:30—2:30 (July 7—Aug. 21)
Education 461 (Section 2)	Physical Education 101 1:30—2:30 (July 7—Aug. 15)
Education 508 (Geog.)	Physical Education 470 2:30—3:30 (July 7—Aug. 21)
Education 514	Physical Education 104 3:40—4:40. (July 7—26)
Education 570	Physical Education 241 3:40—4:40 (July 28—Aug. 21)
English 100/101 (Section 3)	Physics 430
English 200 (Section 3)	Political Science 200
English 202	Psychology 100
English 300 (Section 3)	Psychology 201
English 409	Psychology 403
English 426	Russian 100
English 429	Sociology 200
*Fine Arts 303	Zoology 105
French 110/120	Zoology 303
Geography 207	Zoology 306
Geography 408	
German 90	
German 110/120	
History 102	
History 318	
Home Economics 101/403 Lab. (Section 1) M.W.	

NOTES:

**Art Laboratories*

Students taking Fine Arts 300, 302, 303, 401, 402 and Education 305, may have access to the Art rooms (Education 22 and 14) at the following times: 10:25-12:20 and 3:40-5:40.

Industrial Arts Timetable

Copies of this have been mailed to all students enrolling for Industrial Arts courses. Copies are obtainable from the Director of Technical and Vocational Education, Department of Education, Victoria.

For Education 404 (Vocational Agriculture) see Prof. Coulthard.

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W. N. HOLMES, M.Sc., Ph.D., Instructor.

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 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.

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

2. Registration booklets will be sent to those eligible. Booklets should be completed and returned to the Registrar's Office before June 10th.

Students are encouraged to complete registration in full by forwarding with the registration booklet a cheque to cover fees.

Last day for registration without late fee penalty is June 10th. All applications for registration after June 10th, by mail or otherwise, are subject to a late registration fee of Five Dollars. Last day for registration is July 7th.

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

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

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

FEES

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

All fees are due and payable at time of registration. Last day for payments of fees Monday, July 7th.

A fee of $5.00 for "Late Registration" will be charged all students registering for credit courses after June 10th.

Scale of Fees

Course Fees, Per Unit	$17.00
Summer Session Association Fee	2.00

For example:

(i) a 3 unit course	Total fee $53.00
(ii) a 4½ unit course	Total fee $78.50
(iii) a 6 unit course	Total fee $104.00

NOTE—No refund will be made for fees after July 16th. 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	$8.50

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. Students are urged to complete registration in full by enclosing a cheque, post-dated to July 7th if so desired, to cover fees.

Students registering for the Summer School of the Theatre are advised to delay payment of fees until July 7th on which day final decisions as to section assignments will be made.

Fee assessments are under course descriptions.

Students who have not registered by mail will register in the Extension Department offices.

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, 1958, 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 31st.

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 31st. A copy of the last inspector's report must accompany the application.

The Summer Session Association Scholarships

Four scholarships of $75 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 sessions, 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 31st.

The Summer Session Association Loan Fund

The Summer Session Association of 1947 established a loan fund as a trust to be used for loans to teachers ("teachers" as defined by the Public Schools Act of British Columbia) who have attained satisfactory academic standing. Loans from this fund are to be repaid by June 30th following receipt of the loan, and until this date no interest will be charged. Loans, which may be repaid at any time during the period by assigned instalments, will be granted on the basis of scholarship and financial need, assistance to any one student being limited according to the funds available. At present no loan will be made in excess of $100. 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

1958 Executive Committee

President - - - - - - - - - Robert Muir
1st Vice-President - - - - Jim Corbett
2nd Vice-President - - Art Winstanley
Secretary - - - - - - - Frank McPhalen
Treasurer - - - - - - - - - - Allan Baker
Past President - - - - - - - G. Al Dew
Social Convenor - - - - - Shirley Naud
Athletic Convenor - - - - Brian Creer
Noon Hour Convenor - - Dave Thomas
Resolutions Convenor - - - - Gail Ree
Executive Members: Bill Baldry, Gar Bulmer, Alf Clinton, Benita Hawryschuk.

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 assigned.

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.

Athletic Activities

Golf Instruction
Tennis Instruction
Badminton Instruction
Diving Instruction
Swimming
Table Tennis
Volley Ball
Softball
Square Dancing
Modern Dance Instruction

Registration for Activities: Tues., Wed., Thurs., July 8th, 9th and 10th in Quad.

Athletic Organizational Meeting in Arts 100, Friday, July 11th, 12:30 p.m.

The Empire Games Pool will be available to students at a special session rate.

SUMMER SCHOOL SPECIAL EVENTS CALENDAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
July 7 Lectures begin.	**July 8** **12:30 p.m.** Seeing Eye Lecture Series begins. Physics 200 **8:00 p.m.** Fine Arts Lecture Series. Physics 200	**July 9** **3:30 p.m.** Opening of Sculpture Show.	**July 10** **11:30 a.m.** S.S.A. General Meeting. Auditorium.	**July 11** **12:30 p.m.** S.S.A. Athletics Organizational Meeting. A. 100. **9:00 p.m.** S.S.A. Mixer. Brock.	**July 12**
July 14 **8:00 p.m.** Monday Lecture Series. Physics 200.	**July 15** **12:30 p.m.** Outdoor Band Concert. Main Mall. **8:00 p.m.** Fine Arts Lecture Series. Physics 200.	**July 16** **12:30 p.m.** S.S.A. Concert. Auditorium. **7:30 p.m.** S.S.A. Square Dance. W. G.	**July 17** **12:30 p.m.** S.S.A. Lecture. Auditorium.	**July 18** **9:00 p.m.** S.S.A. Mixer. Brock.	**July 19**
July 21 **8:00 p.m.** Monday Lecture Series. Physics 200.	**July 22** **4:00 p.m.** Opening of Dutch Painting Exhibition.	**July 23** **12:30 p.m.** S.S.A. Concert. Auditorium. **7:30 p.m.** S.S.A. Square Dance. W. G.	**July 24** **12:30 p.m.** S.S.A. Lecture. Auditorium. **6:15 p.m.** C.B.C. Concert. Brock. **8:30 p.m.** Public Forum on Education. Brock.	**July 25** **9:00 p.m.** S.S.A. Mixer. Brock.	**July 26**

		12:30 p.m. S.S.A. Concert. Auditorium.	12:30 p.m. S.S.A. Lecture. Auditorium.		
8:00 p.m. Critics' Symposium. Brock.	8:00 p.m. Fine Arts Lecture Series. Physics 200.	7:30 p.m. S.S.A. Square Dance. W. G.	6:15 p.m. C.B.C. Concert. Brock.	9:00 p.m. S.S.A. Mixer. Brock.	
Aug. 4	**Aug. 5** 8:00 p.m. Fine Arts Lecture Series. Physics 200.	**Aug. 6** 12:30 p.m. S.S.A. Concert. Auditorium. 7:30 p.m. S.S.A. Square Dance. W. G.	**Aug. 7** 12:30 p.m. S.S.A. Lecture. Auditorium. 6:15 p.m. C.B.C. Concert. Brock.	**Aug. 8** 8:30 p.m. Drama Production. Frederic Wood Theatre.	**Aug. 9**
8:00 p.m. Monday Lecture Series. Physics 200.	8:30 p.m. Drama Production. Frederic Wood Theatre.	8:30 p.m. Drama Production. Frederic Wood Theatre.	8:30 p.m. Drama Production. Frederic Wood Theatre.	9:00 p.m. S.S.A. Mixer. Brock.	8:30 p.m. Drama Production. Frederic Wood Theatre.
Aug. 11	**Aug. 12** 8:00 p.m. Paul Nettl Lecture. Physics 200.	**Aug. 13** 12:30 p.m. S.S.A. Concert. Buchanan 106. 7:30 p.m. S.S.A. Square Dance. W. G. 8:00 p.m. Paul Nettl Lecture. Physics 200.	**Aug. 14** 11:30 a.m. S.S.A. General Meeting. Buchanan 106. 6:15 p.m. C.B.C. Concert. Brock.	**Aug. 15** 8:30 p.m. Production of *Everyman*. Auditorium.	**Aug. 16** Student Art Show.
8:00 p.m. Paul Nettl Lecture. Physics 200.	8:30 p.m. Production of *Everyman*. Auditorium.	8:30 p.m. Production of *Everyman*. Auditorium.	8:30 p.m. Production of *Everyman*. Auditorium.	9:00 p.m. S.S.A. Mixer. Brock.	8:30 p.m. Production of *Everyman*. Auditorium.
Aug. 18	**Aug. 19** 8:30 p.m. Student Lieder Concert. Brock.	**Aug. 20** Examinations.	**Aug. 21** Examinations.	**Aug. 22**	**Aug. 23**

N.B. August 28 to 30, Opera Production of Offenbach's *Lantern Marriage*, Hindemith's *There and Back*, and Kaufman's *Sganarella*.

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 July 3rd to July 9th, inclusive; in Eastern Canada (east of Armstrong, Port Arthur, Ont.) during the period July 1st to July 7th, inclusive. If presented to the Ticket Agent not later than August 26th, 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.

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.

HOUSING ACCOMMODATION

Housing accommodation at reasonable rates will be available for summer session students who wish board and lodging, in ACADIA camp, FORT camp, or in one of the New Residences for Women Students.

Summer Session Rates

(a) Regular Summer Session Course (July 7th to August 21st inclusive)

1. Men's dormitories at Fort Camp
   Men's and Women's Dormitories at Acadia Camp
   Board and residence ..... (single) $97.00
   Board and residence ..... (double) 92.00
   —apply to Housing Administrator.
   Dining Room at Acadia Camp open all week.

2. Women's Residences & Annex
   Board and residence 102.00
   —apply to Dean of Women.

   The above flat rates cover room from Saturday night, July 5th, to August 21st inclusive, and meals from breakfast, Sunday, July 6th, to breakfast August 22nd, inclusive.

Note: Your full board and residence payment should reach the Accounting Department by June 15th, 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

The rate for summer session short courses is $63.00 for a single room per month, for board and residence, and $60.00 for a double room, per month. 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 30th.

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.

Special Lectures on the Organization and Use of the University Library

It is recommended that all students new to the campus of the University of British Columbia attend one of these orientation lectures to be given by the staff of the Library. They will explain the organization of the Library and how students may make full use of its facilities. Dates will be announced.

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 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.

Specialist Certificates

Teachers who had previously started on specialist programmes at the Department of Education's Summer School of Education in Victoria, but who had not completed these, are permitted to complete them through the following courses which have been approved by the Department of Education for specialist certificates. ***All course requirements for the specialist certificates must be completed before December 31st, 1958.*** The courses listed below will be offered this summer carrying credit toward specialist certificates and also toward degree programmes as prescribed in the University Calendar.

1. Art: E.A.; S.C.; S.B.—Ed. 305, F.A. 101, 300, 302, 303, 401, 402, 406.
2. Commercial: S.C.; S.B.—Com. 90, 101, 151, 331, 371, 376, Ed. 404 (Commerce).
3. Counsellor: S.A.—Ed. 332, 400, 411, 461, 530, 535, 537, 578, 579, Psych. 301, 305, 403.
4. Handicapped Children: E.A.—Ed. 206, 208, 305, 307, 331, 405, 406, 407, 415, 461.
5. Home Economics: E.A.—H.Ec. 101-403, 102, 104, 105, 213, (Note: completion of 102 and 104 will be the equivalent of 106. Completion of 103 and 213 will be the equivalent of 105.)
   S.C.; S.B.—Ed. 400, 404 (H.Ec.) 409, 410.
   S.A.—Ed. 400, 565 (H.Ec.).
6. Industrial Arts: S.C.; S.B.—consult the Director of Technical and Vocational Education, Department of Education, Victoria.
7. Instructor: S.A.—Any Education course numbered in the five hundreds or Senior courses in Education applicable to the Secondary field, or any graduate courses in the subject matter field or fields of the teacher are acceptable.
8. Intermediate Grades: E.A.—Ed. 305, 307, 331, 400, 406, 407, 408, 411, 415, 461, 557, 567, 570, English 201.
9. Kindergarten-Primary: E.A.—Ed. 305, 307, 331, 400, 405, 407, 408, 415, 461, 570, English 201.
10. Music: E.A.; S.C.; S.B.—Ed. 307, F.A. 101, Music 201, 300, 301, 302, 303, 401.
11. Physical Education: E.A.; S.C.; S.B.—Ed. 508, P.E. 101, 104, 210, 212, 213, 216, 218, 219, 230, 241, 262, 310, 330, 462, 470.
12. Teacher Librarian: E.A.; S.A.—Ed. 331 or 332, 390, 490, 491, English 201.
13. Out-of-Province teachers seeking permanent certification: Education 330. This course is recommended for persons trained outside British Columbia and new to teaching in the Province.

Home Economics Graduates Completing the Emergency Summer Teacher Training Programme

Home Economics graduates who have completed one summer session of the required courses in this emergency programme should enrol for their second session in the following courses:

(1) Education 409—Special Problems in Home Economics Education ... 3 units
(A list of supplies required in this course is obtainable from the Division of Home Economics, Department of Education, Victoria).

(2) Education 410—(formerly 302)—Classroom Administration ... 3 units

Home Economics graduates who have completed two summer sessions of the required courses in this emergency programme should enrol for their third and final summer session in the following courses:

(1) Education 410—(formerly 302)—Classroom Administration ... 3 units
(If Education 410 or 302 was taken previously, these students should enrol in
Education 332—Adolescent Psychology ... 3 units)

and

(2) ***One*** of the following:
Education 400—Survey of Educational Thought ... 3 units
Education 330—The British Columbia School System ... 3 units
The combined courses of Ed. 206 (Speech) ... 1½ units
and Ed. 208 (Audio-Visual Techniques) ... 1½ 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 1959. After that date all ***basic teacher training*** in home economics will be given in regular session of the Faculty of Education.

Courses of Study

ANTHROPOLOGY

301. Indians of British Columbia.

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

Text-books: Philip Doucher: *Indians of the Northwest Coast.* Hawthorn, Belshaw & Jamieson: *Indians of British Columbia.*

Ten hours lectures a week—3 units.

Mr. Elmendorf.

BACTERIOLOGY

100. Introductory Bacteriology.

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

Prerequisite: Chemistry 101.

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

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

Mr. Dolman.

BIOLOGY

105. Fundamentals of Biology.

The principles of biology with emphasis upon its relation to man. Characteristics of living things; life processes; plants and animals; heredity and evolution; environmental relationships.

Text-book: Ville, *Biology* (1954 ed.).

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

Mr. Allardyce.

CHEMISTRY

101. General Chemistry.

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

Text books: Sorum, *Fundamentals of General Chemistry;* Malm and Franz, *College Chemistry in the Laboratory.*

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

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

Mr. Daggett.

205. Physical-Inorganic and Analytical Chemistry.

A course with less laboratory work and a greater range of lecture material than in Chemistry 200. Systematic inorganic chemistry, properties of matter from a kinetic standpoint, equilibria in solution, physical chemistry useful in related sciences.

Text-book: Welcher and Hahn, *Semimicro Qualitative Analysis.*

Prerequisites: Chemistry 101 and Mathematics 101. The latter may be taken concurrently.

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

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

Mr. Ferguson.

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 ten hours laboratory a week—3 units.

Mr. Dutton.

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.

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

Ten hours lectures a week—3 units.

Mr. Chambers.

333. The Roman Empire

This course is a detailed study of Roman imperial history from 30 B.C. to the end of the fourth century. It includes a conspectus of the political theory and practice of the classical Greek world and of the Roman Republic. Attention will be directed to the development of Christianity and to the problem of Church and State.

Prerequisite: Classical Studies 331 or the equivalent.

Ten hours lectures a week—3 units.

Mr. Guthrie.

COMMERCE

90. Typewriting Techniques, Practice, and Methods.

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

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

Ten hours lectures a week—3 units.

Mrs. Cameron.

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.

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

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.

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

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

Mr. Beedle.

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

331. Commercial Law.

Introduction to the law of contracts, with particular reference to contracts for the sale of goods (Sale of Goods Act) and related law of personal property; negotiable instruments (Bills of Exchange Act); elementary principles of agency, partnership (Partnership Act) and company law (B.C. Companies Act); examination of selected legal and commercial documents.

Case-book: Carrothers, *U.B.C. Cases and Materials on Commercial Law.*

References: Anger, *Canadian Commercial Law;* Anson, *Contracts;* Sutton & Shannon, *Contracts.*

Ten hours lectures a week—3 units.

Mr. Loffmark.

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,* 3rd edition.

Prerequisites: Commerce 151 and Economics 200.

Ten hours lectures a week—3 units.

Mr. Axford.

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.

NOTE: Open to students for B.Ed. degree only.

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.

Text-book: Hanson and Cohen-Irwin, *Personal Finance.*

Ten hours lectures a week—3 units.

Mr. Heywood.

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.* Selected readings may be assigned.

Prerequisite: Mathematics 91 of high school or Mathematics 100.

Ten hours lectures a week—3 units.

Mr. Bond.

304. Economic Statistics I.

Arrangement and presentation of data. Standard distributions. Chi-square. Large and small samples. Regression—two variables. Index numbers. Elementary treatment of time series. Introduction to analysis of variance. May be taken in the Second Year by those taking certain majors, with the approval of the Department.

Text-book: Lewis, *Methods of Statistical Analysis for Economics and Business.*

Reference: *Canada Year Book,* 1956.

Prerequisite: Mathematics 101.

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

Mr. Matuszewski.

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 1958-59 Calendar.

206. Speech Training and Voice Production.

This course is not designed to correct speech defects or to train students to deal with deviate speech habits in children. It is not a speech therapy course. It is designed to help those with normal speech to make better use of their voices in school. A great deal of the strain and fatigue suffered by teachers is due to inefficient use or misuse of the voice. Clear articulate precise speech is the main stock-in-trade of every teacher. 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. Toward the end the course will also provide some instruction in the training of good speech with children and in speech therapy.

Five hours lectures a week—1½ units.

Mrs. Campbell.

NOTE: Enrolment in this course is limited to 25 in each of two sections.

203. Audio-Visual Techniques in Education.

Although all methods courses refer to audio-visual materials specially suitable for class instruction in a particular subject, insufficient time is provided to study and arrange for practice with many different types of apparatus or a great variety of media. 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. Pollock.

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.

Prerequisite: Ed. 205 or Normal School Diploma.

Ten hours lectures a week—3 units.

Mr. Black.

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.

Ten hours lectures a week—3 units.

Mr. Hanson.

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 requirement for permanent certification for teachers with certificates from other Provinces.

Text-book: *Manual of School Law.*

Prerequisite: Restricted to out of Province teachers.

Ten hours lectures a week—3 units.

Mr. Dunn.

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.

Ten hours lectures a week—3 units.

Miss Dolmage.

NOTE: This course may be taken in place of Psychology 301 in a B.Ed. programme.

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. Dunlop.

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.

Ten hours lectures a week—3 units.

Miss Thompson.

390. Librarianship — Sources of Information.

A basic course in the use of books and libraries, stressing the methods of gathering information. The student will be introduced to the most commonly used reference and information sources and will be given practice in their evaluation and use. Special emphasis will be given to the resources and methods for locating educational information and to the techniques of teaching the use of school libraries.

Ten hours lectures a week—3 units.

Mr. Rothstein.

400. Survey of Educational Thought.

A combined course in the history and philosophies of Education. A threefold 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 influence of educational theories upon actual classroom practice will also be considered.

Ten hours lectures a week—3 units.

Mr. Sutton, Mr. Hardwick.

404. Curriculum and Instruction in the Secondary Schools.

*Commerce—Mr. Glover.

Health and Personal Development—Miss Nix, Mr. McKie.

**Home Economics—Miss Garland.

Science—Mr. Young.

Ten hours lectures a week—3 units.

Vocational Agriculture—Mr. Coulthard.

A full-time intensive 2 weeks course—eight hours daily July 21 to August 1—2 units.

**Note—Course divided for convenience of teachers with partial credit from Department of Education. Consult R. H. Heywood, Faculty of Commerce and Business Administration.*

***Note—This course will be offered in two groups. Section 1, teachers with EB certificates and a minimum of 6 units of Home Economics. Section 2, teachers with B.H.E. degree.*

405. Special Problems in Teaching the Primary Grades.

Discussion 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. Review of research.

Required pre-reading: Chapters 1 to 5 of Klausmeir, H. J., Dresden, K., Davis, H.C., Wittick, W. A., *Teaching in the Elementary School,* Harper & Bros., New York, 1956.

Ten hours lectures a week—3 units.

Miss King, Miss Copeland.

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. Covell, Mr. Shoemaker.

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: Christine Ingram, *Education of the Slow-Learning Child.*

Ten hours lectures a week—3 units.

Mr. Stothers.

408. Special Problems in Teaching the Mentally Superior.

The objective of this course is to give teachers an understanding of the characteristics, needs and abilities of mentally superior and specially talented children. Emphasis will be placed upon identification, classification, educational research, planning suitable educational programmes at both elementary and secondary levels and methods of teaching.

Text-book: S. R. Laycock, *Gifted Children—A Handbook for Teachers*, Copp, Clarke, Toronto, 1957.

Ten hours lectures a week—3 units.

Mr. Laycock.

409. Special Problems in Home Economics Education.

This course in Home Economics teacher-training will include such problems in clothing as the teaching of pattern and material selection, pattern adjustment, fitting, plus the construction of a wool garment, and problems in evaluation of practical work.

Text-book: *Clothing for Moderns.* Erwin, publisher. Macmillan Co.

Ten hours lectures a week—3 units.

Mrs. Green.

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 discussed in detail.

Ten hours lectures a week—3 units.

Mr. Thomas.

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

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 in British Columbia.

Text-book: Smith, Glenn E., *Principles and Practices of the Guidance Programme.* Macmillan, Toronto, 1954.

Ten hours lectures a week—3 units.

Mr. Auld.

415. Developmental Reading.

An essential course for those who intend to specialize in elementary education. It could very profitably be taken also by administrators and secondary school teachers. Attention will be given to problems in the development of the basic work recognition, comprehension and appreciation skills and abilities in reading.

Although most emphasis is at the elementary level some attention is given to the place of reading in the secondary grades. Techniques of remedial reading are considered as an aspect of developmental reading.

Ten hours lectures a week—3 units.

Miss Lampard.

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. T. Brueckner & G. L. Bond, *The Diagnosis and Treatment of Learning Difficulties,* New York, Appleton-Century-Crofts, 1955.

Ten hours lectures a week—3 units.

Mr. Smith, Mr. Hyndman.

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.

Ten hours lectures a week—3 units.

Instructor to be announced.

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. Practice in classification and cataloguing will be given in laboratory periods.

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.

Geography, Mr. Honeybone.

Physical Education, Mr. Brown.

Prerequisites: Ed. 204 or Ed. 404 or equivalent.

Ten hours lectures a week—3 units.

514. The Philosophy of Adult Education.

A consideration of the major contemporary philosophers of adult education, Bryson, Livingston, Lindeman, Whitehead, Tory and others, and of the moral, social and political issues confronting adult education in the present day.

Prerequisite: Education 412.

Ten hours lectures a week—3 units.

Mr. Beaugrand-Champagne.

516. Communications and the Mass Media.

Introduction to aspects of the major information facilities and the context for adult learning they create. Consideration will be given to the type of learning resulting from each of the major media, by means of various experiments.

Text-books: *Royal Commission on National Development in the Arts, Letters and Sciences, 1949-51* (Canada); *Communication and the Communication Arts Bureau of Publications,* Teachers College, Columbia University, 1956.

Ten hours lectures a week—3 units.

Mr. Thomas.

521. Advanced Seminar in Philosophy of Education.

Current trends in educational philosophy; social implications of contemporary educational theories.

Text-book: 1957 Yearbook of Education.

Prerequisite: Education 400.

Ten hours lectures a week—3 units.

Mr. Scarfe.

NOTE: All students will be expected to present reports on directed reading.

530. Psychology of Learning.

The study of intraserial phenomena, maturation, effect, frequency, transfer, retention, practice and material effects in learning. Theories of learning, and results of research in learning. The relationship of theories to methodology and curricular practices.

Prerequisite: Education 201 or 301.

Ten hours lectures a week—3 units.

Mr. Whitinger.

535. Evaluation.

Basic principles, tests and other instruments for measuring instruction.

Text-book: Ross and Hanley, *Measurement in Today's Schools.*

Ten hours lectures a week—3 units.

Mr. Clark.

537. Standardized Group Tests.

Group tests of achievement, intelligence, personality, interests, aptitudes, and attitudes.

Text-book: Not yet selected.

Ten hours lectures a week—3 units.

Mr. Wilson.

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. Stibbs.

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. Smith.

564. Research Problems in Curriculum Organization.

Theories of curriculum organization, and a review of recent research. The work of the curriculum director.

Text-book: Saylor and Alexander, *Curriculum Planning,* Rinehart.

Prerequisites: Education 204 or 404.

Ten hours lectures a week—3 units.

Mr. Katz.

565. Special Course in a Subject Matter Field.

English Language—A review of English grammar and phonetics, followed by a survey of those developments in linguistics which affect the description of English. The latter part of the course will consist of an examination of recent grammars. Some attention will be given to the history of English, the dictionary, linguistic geography, and the problems of "good" speech. Students will be expected to discuss the adaptation of the material to be used in schools, but the course is not directly concerned with teaching methods.

Preparatory reading: Jespersen, *Growth and Structure of the English Language*, Anchor; Sapir, *Language*, Harvest; Potter, *Our Language*, Pelican; Potter, *Modern Linguistics*, Deutsch; Roberts, *Patterns of English;* Whitehall, *Structural Essentials of English.*

Ten hours lectures a week—3 units.

Mr. Baker.

Mathematics—Mathematics as a language; mainly problems in elementary algebra and analytic geometry. Beginnings of the integral calculus: method of exhaustion, Archimedes' mechanical method, the principle of Cavalieri. Maxima and minima without differential calculus. 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. Polya and Mr. Moyls.

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

Prerequisites: Degree in Home Economics and S.B. Certificate.

Ten hours lectures a week—3 units.

Mrs. Wood.

566. Principles of Secondary Education.

The object of this course is to consider the purpose, organization, and content of the secondary school in these changing times. It will deal with current efforts in Canada and other countries to match the individual child to the school in which he will find the form of secondary education best suited to his own needs and to that of society.

No text-books will be prescribed. In addition to the reference material in the library there will be a two-hour or one-day reserve list of books and reports on current educational experiments and studies which will constitute the required reading for the course.

Prerequisites: (1) S.B. certificate; (2) successful teaching experience at the secondary level.

Ten hours lectures a week—3 units.

Mr. Nason.

567. Principles of Elementary Education.

Modern developments in Canada and other countries. Recent thought in classroom procedures, provisions for individual differences, discipline, etc. Attention is given to the place of various school subjects in total education. Remedial education.

Ten hours lectures a week—3 units.

Mr. Griffith.

570. Educational Sociology.

The social sciences; their scope, possibilities, and limitations; their relevance for (a) education, (b) citizenship. The social influences in individual growth or retardation: family; peer groups, cultural forces; economic, vocational, and environmental factors. Social stratification. "The community" in the modern world; roles of the school; its relation to other institutions. Some contemporary issues: deviant behaviour and delinquency; mass communications; democracy, responsibility, and "the Welfare State"; the role of education in national and international affairs.

Text-book for general reference: F. J. Brown, *Educational Sociology* (Prentice-Hall). Detailed references will be made available for the course.

Ten hours lectures a week—3 units.

Mr. Marsh.

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. Carnes.

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.

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

Five hours lectures a week—1½ units.

Mr. Stein.

582. Educational Statistics.

Frequency distributions, 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.

Text-books: W. E. Garret, *Statistics in Psychology and Education* (4th Edition); H. E. Garret, *Workbook.*

Five hours lectures a week—1½ units.

Mr. Stein.

584. Educational Statistics II.

Review of descriptive statistics; further methods of correlation; advanced sampling theory; testing statistical hypothesis: Chi square analysis of variance and covariance; introduction to design of experiment.

Prerequisite: Education 582 or consent of the Instructor.

Ten hours lectures a week—3 units.

Mr. Jackson.

Industrial Arts Courses

To be given at the Vancouver Technical School, 2600 East Broadway, Vancouver, B.C. Enquiries regarding these courses should be directed to:

Director of Technical and Vocational Education,
Department of Education,
Victoria, B.C.

The following courses may be credited toward the B.Ed. degree and for certification:

150.—Introduction to Industrial Arts Education. A course providing an introduction into Industrial Arts with special emphasis on the methods, procedures, uses and application of hand tools in the basic operations as applied to woodwork, metalwork, drafting and electricity. A study of the special problems involved in the organization, management and operation of the Industrial Arts shop is undertaken.

Text-books: Hamilton, *Woodwork for Junior High Schools*, H. A. Jones, *Metalwork for Grades VII, VIII, and IX*, Darling, *Junior Electricity*, J. S. White, *Draughting for Canadian Schools*.

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

Mr. Rickard.

202. Introduction to Education for Secondary Teachers.

The course content includes: the nature, aims and purposes of Education; the characteristics of good teaching and teachers; the preparation of various types of lessons; techniques of questioning; maintenance of discipline; classroom organization; making reports and keeping records; school law and the administrative organization of British Columbia schools.

Text-book: *Effective Teaching* by R. A. Oliver; Dent.

Ten hours lectures a week—3 units.

Mr. Truax.

NOTE: Certain assignments will be required throughout the course; certain hours will be devoted to workshop and discussion periods.

230. Electricity in Industrial Arts.

Mr. Stark.

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.

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. Hutchinson.

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.

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

Prerequisite: Education 150.

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

Mr. Peters.

352. Mechanical Drawing.

(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.

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

Prerequisites: M.E. 152 and M.E. 352.

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

Mr. Anstey, Mr. Whittaker.

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.

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

Mr. Biddlecombe.

NOTE: This course may also be taken for credit toward the Secondary Advanced Teachers Certificate.

400. A Survey of Educational Thought.

A combined course in the history and philosophies of Education. A threefold classification of educational theories of 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 influence of educational theories upon actual classroom practice will also be considered.

Ten hours lectures a week—3 units.

Mr. Hardwick.

404. Curriculum and Instruction in the Secondary School—Industrial Arts.

Ten hours lectures a week—3 units.

Mr. Strong.

410. An Introduction to School Administration.

The functions and duties of inspectors, supervisors, councillors 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 a school council, the promotion of an orderly programme of extra-curricular and co-curricular activities are discussed in detail.

Ten hours lectures a week—3 units.

Mr. Thomas.

(Industrial Arts students will attend on-campus classes for this course.)

450. Technology of Woodwork II.

(a) Cabinetmaking: development of further proficiency in the use of hand tools and woodworking machines; modern methods and design in cabinetmaking; veneering; wood finishing; care and maintenance of woodworking

machinery, (b) Building Construction: lectures and practical work on scale models to study all the features of frame house construction.

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

Prerequisite: Education 350.

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

Mr. Acteson.

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.

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. Smith.

452. Curriculum in Industrial Arts—Basic Projects.

A course in which guidance and direction is given to instructors in developing projects suitable for the Junior Grades. The projects are to be designed to fulfil the objectives of Industrial Arts in the Junior High School and must be progressive in nature to conform to the operations and related knowledge as laid down in the Industrial Arts Bulletin.

Text-books: Hamilton, *Woodwork for Jr. High School;* H. A. Jones, *Metalwork for Grades VII, VIII and IX;* Darling, *Junior Electricity;* J. S. White, *Drafting for Canadian Schools; Industrial Arts Bulletin,* 1957.

Four hours lectures and sixteen hours laboratory a week.

Mr. Rickard.

NOTE: Education 150 and Education 452 will be given at the Industrial Arts Teacher Training Unit at the Vancouver Vocational Institute, 250 West Pender Street, 8:00 a.m.—12:00 noon.

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.

Text-book: To be announced.

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

Mr. MacQueen and Mr. Rodger.

NOTE: This course may also be taken for credit toward the Secondary Advanced Teachers Certificate.

For Certification Only

The following courses may be credited for certification only, they carry no credit toward the B.Ed. degree. A minimum enrolment of 15 is required.

454. Pattern Making and Foundry Practice.

A course in the theory and practice of elementary pattern making and foundry practice particularly applied to aluminum. This course is designed to prepare instructors to teach this work at the secondary school level.

Text-book: To be announced.

Prerequisite: S.B. Industrial Arts Certificate.

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

Mr. Catherall.

455. Small Boat Building.

Theory and practice in the lofting and design of small boats, particularly clinker built and plywood construction.

Prerequisite: S.B. Industrial Arts Certificate.

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

Mr. Askew.

456. Advanced Building Construction.

Advanced study and practice in all phases of frame house construction.

Prerequisite: Education 404.

Ten hours lectures a week—3 units.

Mr. Parker.

457. Industrial Arts Workshop.

This course will deal with topics such as (a) projects in Industrial Arts, particularly at the Junior High School level, (b) standard record books for Industrial Arts classes, (c) teaching aids and devices and other topics the group decides are of vital interest to the Industrial Arts programme.

Prerequisite: S.B. Industrial Arts Certificate.

Ten hours lectures a week.

Mr. Cuthbertson.

NOTE: Applications for this course will be considered only from those persons who will definitely complete the Secondary Advanced requirements in 1958. It will not at any time carry university credit.

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. Students should read *Lord Jim* (Dent) before the Summer Session begins.

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); *Handbook for Writers* (Prentice-Hall, 2nd ed.); *Conrad, Lord Jim;* and one other to be chosen.

Ten hours lectures a week—3 units.

Mr. Burhans, Mr. Hopwood, Mr. Cameron, Mr. Campbell, Miss Fulton, Mr. Mundell.

200. Literature and Composition.

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

Text-books: *College Survey* (Shorter edition, revised); Shakespeare, *Hamlet;* Swift, *Gulliver's Travels*; Austen, *Pride and Prejudice;* Fielding, *Joseph Andrews;* Goldsmith, *She Stoops to Conquer.*

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, Austen, and Goldsmith. These works must be read in advance.

Ten hours lectures a week—3 units.

Mrs. Dyson, Mr. Sandison, Mr. Mendel.

NOTE: English 200 or its equivalent is prerequisite to all higher English courses with the exception of English 201.

201. Children's Literature.

A survey of children's literature from early sources to recent books. Historical approach continues through appraisal of books and authors for all age levels.

NOTE: For credit only in the Faculty of Education.

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

Ten hours lectures a week—3 units.

Miss Shopland.

202. Introduction to Writing.

Introduction to imaginative writing with emphasis on the short story, the familiar essay, and the one-act stage play, but with reference also to poetry and to radio and television drama. Admission will be on a competitive basis, as registration is limited to twenty.

Prerequisite: for credit students, English 100-101. All students (credit and non-credit) must submit a representative sample of their writing consisting of at least one of the forms mentioned above. Send manuscript to Mr. Jacob Zilber, Department of English, U.B.C. before June 15th, 1958.

Text-book: Brown and Perrin, *A Quarto of Modern Literature*, third edition, New York; (Charles Scribner & Sons, 1950).

Ten hours lectures a week—3 units.

Mr. Zilber.

300. English Composition.

A study of the principles and practice of good writing. For credit only in the Faculty of Education.

Ten hours lectures a week—3 units.

Mr. Friedson, Mrs. Lewis, Mrs. Savery, Mr. Davis, Mr. Morrison.

409. Fiction Writing and Criticism.

Practice in writing of the short story, and in critical evaluation of the contemporary short story.

Prerequisite: English 202 or its equivalent, *and prior submission of acceptable written material (short story or section of a novel)*. Send manuscript to the Head of the Department of English, Buchanan Building, Campus, before June 15th.

Ten hours lectures a week—3 units.

Enrolment limited to twenty students.

Instructor: To be announced.

413. Shakespeare.

Lectures on various aspects of Shakespeare's art, together with close study of eight of his plays.

Ten hours lectures a week—3 units.

Mr. Piloto.

421. Theatre Practice.

This course consisting of Acting I and Speech I, deals with the fundamentals of acting, voice production and speech. Students having a recognised 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.

Prerequisite: English 200.

Ten hours lectures and fifteen hours rehearsal a week.

Extra rehearsals as arranged—3 units.

Mr. Thorne, Miss Stevenson and staff of the Summer School of Theatre.

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

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

English 421 will be known in the future as Theatre 200.

425. Milton.

A study of Milton's works, with main emphasis upon *Paradise Lost.*

Ten hours lectures a week—3 units.

Mr. Ross.

426. Eighteenth-Century Literature.

From the Age of Anne to the end of the eighteenth century: the Age of Pope, and the Age of Johnson. The significant authors are related to the broad cultural movements of the period.

Text-books: Pope, *Selected Poetry and Prose;* Swift, *Gulliver's Travels, The Tale of a Tub, and The Battle of the Books;* Johnson, *Selected Prose and Poetry; Essays on Goldsmith and Selections from his Writings;* Boswell, *Life of Johnson; English Verse,* vol. III, "Dryden to Wordsworth".

Ten hours lectures a week—3 units.

Mr. Pinkus.

429. American Literature Since 1865.

A survey with emphasis given to Whitman, Clemens, James, Dickinson, Dreiser, Eliot, Hemingway, and Faulkner.

Text-books: *The American Tradition in Literature,* Vol. 2, ed. Bradley, Beatty, and Long (N.Y., Norton) 1956; *Fifteen Modern American Poets,* ed. Elliott (N.Y. Rinehart), 1956.

Ten hours lectures a week—3 units.

Mr. Reninger.

430. The Romantic Period.

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

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

Ten hours lectures a week—3 units.

Mr. Gray.

FINE ARTS

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.

NOTE: For credit only in the Faculty of Education.

Text-books: Gombrich, *The Story of Art;* McKinney and Anderson, *Discovering Music.*

Ten hours lectures a week—3 units.

Mr. Ozard and Mr. Bailey.

300. Introduction to the Plastic and Graphic Arts.

Experiment and study of various media of art expression as a basis for advanced work toward 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.

NOTE: For credit only in the Faculty of Education.

Ten hours lectures a week—3 units.

Mr. Smith.

302. Drawing and Painting.

Designed to form the basis for any advanced work towards an art major. The fundamentals of both techniques will be explored using still life, figure and landscape. Students will be expected to submit a sketch book of work done outside of class as part of the final mark.

NOTE: For credit only in the Faculty of Education. Materials needed will be posted in the Faculty of Education on the notice board and students should be ready to begin work on the first session.

Prerequisite: Fine Arts 101.

Ten hours lectures a week plus laboratory time as needed—3 units.

Mr. Macdonald.

303. Ceramics and Modelling I.

Introduction to ceramics and modelling with emphasis upon the preparation of clays, use of glazes and kiln firing techniques. Demonstration and introduction to wheel techniques.

NOTE: For credit only in the Faculty of Education.

Ten hours lectures a week plus laboratory time as needed—3 units.

Mr. Clarke.

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.

NOTE: For credit only in the Faculty of Education.

Prerequisites: Fine Arts 300 and 302 or equivalent courses.

Ten hours lectures a week—3 units.

Mr. Macdonald.

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.

NOTE: For credit only in the Faculty of Education.

Prerequisites: Fine Arts 300 and 302 or equivalent courses.

Ten hours lectures a week—3 units.

Mr. Macdonald.

406. The History and Criticism of Art from 1700 to the Present.

A survey of the principal developments in architecture, sculpture and painting in western Europe and North America since the end of the Baroque period.

Prerequisites: Fine Arts 100, 101 or 200.

Ten hours lectures a week—3 units.

Mr. Miller.

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. Salvan (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.

Miss Brearley, Mr. Luethy.

210 and 220. Second Year University French.

Reading of French texts; composition.

Text-books: Molière, *le Malade imaginaire;* Voltaire, *Candide;* Colette, *Gigi;* Gide, *le Symphonie pastorale.* Composition and grammar, based on Ferrar, *A French Reference Grammar.*

Prerequisite: French 210: French 110 or equivalent; French 220: French 120 or equivalent.

Ten hours lectures a week—3 units.

Mr. Herisson, Mr. Andison.

300. Literature of the Seventeenth Century.

History and social conditions; development of the literature.

Text-books: Corneille, *le Cid,* Racine, *Andromaque;* Molière, *les Précieuses ridicules, le Misanthrope;* selections from the works of Descartes, Pascal, La Fontaine, etc.

Prerequisites: French 210 or 220 or equivalent.

Ten hours lectures a week—3 units.

Mr. Lapp.

GEOGRAPHY

Geography 101 is 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.

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

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

Mr. Sissons.

NOTE: 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.

207. Human and Political Geography.

Man's occupation of the earth's surface through time; population distribution, growth and problems; regional analysis of the cultural landscape; the political geography of selected areas.

Text-book: East and Moodie (eds.) *The Changing World.*

Ten hours lectures a week—3 units.

Mr. Moodie.

302. Weather and Climate.

Introductory study of the elements and controls of weather and climate; the principles of meteorological instruments and practical weather observations; analysis of daily weather maps; principles of climatic classification; regional climatology with particular emphasis upon the climate of British Columbia.

Text-book: Trewartha, *An Introduction to Weather and Climate,* 3rd ed.

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

Mr. Batchelder.

303. World Geography.

The major geographic patterns of the world followed by a survey of the physical and human geography of each continent. Recommended for students taking only one course in geography.

Text-book: Wheeler, Kostbade, Thoman, *Regional Geography of the World.*

Ten hours lectures a week—3 units.

Mr. MacPherson.

406. Geography of Asia.

A regional survey of the physical and human geography of the countries of the Far East. Southeast Asia, South Asia (India, Pakistan, Ceylon) and the Middle East.

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

Ten hours lectures a week—3 units.

Mr. Dobby.

408. Geography of Europe.

Physical and human geography; physical structure, climatic characteristics; natural resources; population distribution.

Text-book: To be announced.

Ten hours lectures a week—3 units.

Mr. Miller and Mr. Estall.

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.

Text-book: Longwell and Flint, *Introduction to Physical Geography, 1955;* Stovall and Brown, *Principles of Historical Geology, 1954.*

Prerequisite: Chemistry 101.

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

Mr. Okulitch.

GERMAN

90. Beginners' Course.

Text-books: Greenfield, *An Outline of German Grammar;* Meyer Graded Readers 1-3, and *Akademische Freiheit* (Alternate Series, Book 2). Independent reading: Goedsche, *Einstein.*

Ten hours lectures a week—3 units.

Mr. Cowie.

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.*

Prerequisite: German 20 or German 90. Students with the necessary prerequisites 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.

Mr. Anderson.

300. The Classical Period.

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

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

Prerequisite: German 200 or the equivalent.

Ten hours lectures a week—3 units.

Mr. Kahn.

HISTORY

102. The History of Canada.

Introductory general course. This course is prerequisite for History 404, 420, 426, 430, 433, 533.

Text-book: McInnis, *Canada.* Extra work will be required from Third and Fourth Year students taking this course.

Ten hours lectures a week—3 units.

Mr. Morton.

201. British History.

A survey of British constitutional, economic, political, social and cultural development from Saxon times to the present day.

Text-books: Feiling, *History of England;* Hall and Albion, *A History of England in the British Empire.*

Ten hours lectures a week—3 units.

Mr. Webb.

304. Mediaeval Europe 400-1300.

A general outline of mediaeval history from the fall of the Roman Empire to the 13th century.

Text-books: Thorndike, *History of Mediaeval Europe;* Painter, *A History of the Middle Ages.*

Second Year students may, with special permission, be admitted to this course. This course is also offered through correspondence.

Ten hours lectures a week—3 units.

Mr. Rees.

318. Britain under the Tudors and Stuarts, 1485-1688.

An evaluation of the political, economic, social and cultural change of Britain in the period.

Text-books: Elton, *England under the Tudors;* Trevelyan, *England under the Stuarts;* Feiling, *A History of England.*

Ten hours lectures a week—3 units.

Mr. Norris.

320. The History of China.

A survey of Chinese history and culture from ancient time to the present.

Text-books: Latourette, *The Chinese, Their History and Culture,* or McNair, *China.*

Ten hours lectures a week—3 units.

Mr. Ping Ti Ho.

428. An Intellectual History of the United States from the Colonial Period to the Present Day.

Text-book: Max Savelle, *A Short History of American Civilization.*

Ten hours lectures a week—3 units.

Instructor: To be announced.

HOME ECONOMICS

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

101-403. Colour and Design.

Analysis of relationship of design elements; line form, colour, texture. Application of principles, experimental studio problems, room arrangements, selection of furnishings and accessories; scaled plans; traditional and contemporary concept of interiors.

Text-book: Faulkner, *Inside Today's Home,* Henry Holt, 1955.

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

Mrs. Klopfer.

NOTE: Registration in this course will be limited to 30 students. Both parts of course are required.

102. Introductory Clothing.

Fundamentals of dress appreciation, wardrobe planning. Consumer problems of the family. Basic techniques of clothing construction.

Text-book: Erwin, *Clothing for Moderns,* 1957.

Prerequisite: Home Economics 91 or equivalent.

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

Miss Rose.

NOTE: Registration in this course will be limited to 30 students.

104. Textiles.

Textile fibres and fabrics, their characteristics and uses.

Text-book: Hess, *Textile Fibres and Their Uses,* 1954.

Prerequisite: Home Economics 91 or equivalent.

Six hours lectures a week—1½ units.

Miss Rose.

NOTE: Registration in this course will be limited to 30 students.

N.B.—H.E. 102 plus H.E. 104 are equivalent to H.E. 106 in Winter Session.

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.

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 McFarlane.

NOTE: Registration in this course will be limited to 30 students.

LATIN

110, 120, 210, 220, 305. Composite Course in Latin.

Intended primarily for students attending the Summer Session. A substantial amount of a major work of Latin literature (Horace's *Odes*) 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 credits for Latin 110, 120, 220, or 305 will register under the appropriate number.

Text-books: Horace, *Odes I, II, III, IV,* ed. T. E. Page; *The Works of Horace,* translated by Casper J. Kraemer (Modern Library).

Prerequisite: Latin 90 or the equivalent.

Ten hours lectures a week—3 units.

Mr. McGregor.

MATHEMATICS

101. Algebra, Geometry, and Trigonometry.

Algebra of logic, logarithms, permutations, combinations, binomial theorem, probability, straight line, circle, parabola, ellipse, and hyperbola; elementary trigonometry.

Text-books: Allendoerfer and Oakley, *Principles of Mathematics;* McGraw-Hill.

Prerequisite: Mathematics 91 or 100 (credit will not be given for both 100 and 101).

Ten hours lectures a week—3 units.

Mr. Simons and Mr. Swanson.

201. The Mathematical Theory of Investments.

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

Text-book: Hummel and Seebeck, *Mathematics of Finance.*

Prerequisite: Mathematics 100 or 101.

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

Ten hours lectures a week—3 units.

Mr. Jennings.

202. Calculus.

Introduction to differential and integral calculus, with applications.

Text-book: Thomas, *Calculus,* Addison-Wesley.

Prerequisite: Mathematics 101.

Ten hours lectures a week—3 units.

Mr. Leimanis.

306. Topics in Geometry.

Foundations of geometry, projective, Euclidean, and non-Euclidean geometry.

Prerequisite: Mathematics 202.

Ten hours lectures a week—3 units.

Mr. Davis.

NOTE: This course, together with Mathematics 310 is strongly recommended for prospective teachers of high school mathematics.

310. Algebra and Geometry.

Mathematical induction, complex numbers, theory of equations, determinants; conics, polar coordinates, and solid analytic geometry. Students who have already obtained credit for Mathematics 200 may not count this course for additional credit.

Text-book: M. J. Weiss, *Higher Algebra for the Undergraduate,* Wiley.

Prerequisite: Mathematics 202.

Ten hours lectures a week—3 units.

Mr. Marcus.

MUSIC

201. Elementary Harmony.

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

NOTE: 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.

Miss DuBois.

300. Music Appreciation.

How to listen to music; analysis of structure and form of selected works from the eighteenth, nineteenth and twentieth centuries.

Collateral reading: Aaron Copland, *What to Listen for in Music;* Dr. Baker, *Pocket Music Dictionary.*

Ten hours lectures a week—3 units.

Mr. Cowell.

NOTE: For Third and Fourth Year students only.

301. Counterpoint and Advanced Harmony.

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

Prerequisite: Music 201 or equivalent training.

NOTE: For credit only in the Faculty of Education.

Ten hours lectures a week—3 units.

Mr. Slind.

302. Instrumental Music.

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

Prerequisites: Music 201 or equivalent training, plus some facility on a brass, reed, or string instrument. (Bring your instrument if possible.) For credit only in the Faculty of Education.

Ten hours lectures a week—3 units.

Mr. Barr and Mr. Bailey.

303. Choral Music.

Some techniques of voice production, organization of choral groups, literature, conducting, participation in the singing of selected choral works.

NOTE: 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. Gibbard.

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

For credit only in the Faculty of Education. The techniques of writing and arranging for various groups of performers.

Prerequisite: Music 201 or equivalent training.

Ten hours lectures a week—3 units.

Mr. Verrall.

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.

Ten hours lectures a week—3 units.

Mr. Savery.

304. Social Philosophy.

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

Text-books: Selected Readings—*Plato's Republic*, Cornford ed., *English Philosophy from Bacon to Mill Modern Library; and others (essays on politics).*

Ten hours lectures a week—3 units.

Mr. Stroll.

PHYSICAL EDUCATION

Students registering for any of the following courses must attend organizational meetings which will be held in the Memorial Gymnasium on July 7, 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. Gymnastic Activities for the Elementary School.

One hour per day, July 7-Aug. 15, inclusive—1 unit.

Miss Tilley.

104. Fundamentals of Movement.

One hour per day, July 7-26, inclusive—½ unit.

Mrs. Goodwin.

210. Basketball.

Fundamentals, basic drills, simple offensive tactics.

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

One hour per day, July 28-Aug. 21, inclusive—½ unit.

Mr. Pomfret.

212. Football.

Fundamentals, basic drills, and formations.

One hour per day, July 7-26, inclusive—½ unit.

Mr. Gnup.

213. Grass Hockey.

Fundamentals, basic drills and rules.

One hour per day, July 7-26, inclusive—½ unit.

Miss Tilley.

216. Soccer.

Basic skills, rules, emphasis on playing.

Text-books: Football Association's *Coaching Manual,* Football Association's *Know the Game.*

One hour per day, July 28-Aug. 21, inclusive—½ unit.

Mr. Laithwaite.

218. Games, Contests and Relays.

Relay, group and recreational games and activities.

Text-books: *Handbook of Active Games & Handbook of Indoor Games.* D. A. Hindman, Prentice Hall.

One hour per day, July 28-Aug. 21, inclusive—½ unit.

Mr. Laithwaite.

219. Volleyball.

Basic skills, rules, team tactics.

Text-book: For Women Registering. *Official Recreational Games and Volleyball Guide.* July 1957-July 1959. Published for N.S.G.W.S. by A.A.H.P.E.R., Washington.

For Men Registering. *Volleyball Official Guide 1958.* Published by United States Volleyball Association.

One hour per day, July 7-26, inclusive—½ unit.

Miss Eckert.

230. Swimming.

Elementary swimming skills, strokes, entries, water safety.

Text-books: Ann Avery Smith. *Skillful Swimming.* Canadian Red Cross. *Swimming and Water Safety.*

One hour per day, July 7-26, inclusive—½ unit.

Mr. Howell.

241. Dance.

Elementary modern dance, history of dance and dance personalities, introduction to movement resources.

Text-book: Lockhart, *Modern Dance.*

One hour per day, July 28-Aug. 21, inclusive—½ unit.

Mrs. Goodwin.

262. Health I.

An introduction to health education; body systems, growth and development, food habits and problems, personal hygiene.

Five hours lectures a week—1½ units.

Mr. Whittle.

310. Advanced Basketball.

Prerequisite: Physical Education 210.

Team tactics; rules; coaching and officiating techniques; use and development of material.

One hour per day, July 7-26, inclusive—1 unit.

Mr. Pomfret.

330. Swimming.

Advanced swimming skills; diving; safety and rescue methods.

Prerequisite: Physical Education 230.

Text-book: American Red Cross, *Lifesaving.*

One hour per day, July 28-Aug. 21, inclusive—½ unit.

Mr. Howell.

462. Health II.

Problems in health education; mental hygiene, common diseases, social hygiene, community, health and sanitation.

Prerequisite: Biology 304 or Anatomy 390 or Physical Education 262.

Five hours lectures a week—1½ units.

Mr. Whittle.

470. Tests and Measurements.

Physical education tests; physical fitness, physiological fitness, posture, strength, motor ability, social efficiency measures, skill tests, knowledge tests.

Text-book: Weiss and Phillips, *Administration of Tests in P.E.;* Howell, Maxwell, *Lab. Syllabus for Tests and Measurements.*

Five hours lectures a week—1½ units.

Mr. Howell.

PHYSICS

101. Elementary Physics.

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

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

Students who do not have Physics 91 may take this course.

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

Mr. Barrie.

203. Intermediate General Physics.

Course covering topics in mechanics, heat, sound, light, electricity and modern physics. This course is designed for teachers and pass course students.

Prerequisites: Physics 100 or 101.

Text-book: *Physics.* Furry, Purcell and Street.

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

Mr. Livesey.

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.

Ten hours lectures a week—3 units.

Mr. Prescott.

POLITICAL SCIENCE

200. Government of Canada.

A basic introductory course, to acquaint the students with the institutions of government in Canada, the manner in which they function and interact, and the political process which surround and influence them.

Text-book: Dawson, *The Government of Canada.*

Ten hours lectures a week—3 units.

Mr. Hodgetts.

PSYCHOLOGY

Psychology 100 is prerequisite to all other courses in Psychology.

100. Introductory Psychology.

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

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

Ten hours lectures a week—3 units.

Mr. MacKay.

201. Social Psychology.

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

Text-book: Kretch and Crutchfield, *Theory and Problems of Social Psychology,* McGraw-Hill, 1948.

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.

Prerequisites: Psychology 100 and 201 or 202 or departmental permission.

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

Ten hours lectures a week—3 units.

Mrs. Weckler.

NOTE: (i) This course is also offered through correspondence.

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

305. Personality Theory.

Approaches to personality theory, principal theoretical problems, theories of personality as represented by psychological systems.

Reference: Stasner, R.: *The Psychology of Personality:* 2nd Ed.

Prerequisites: Psychology 100, 201 or 202.

Ten hours lectures a week—3 units.

Mr. Signori.

403. Mental Measurement and Psychological Tests.

The principles underlying the psychological measuring instruments: intelligence tests, personality inventories, and questionnaires, construction and standardization of tests.

Text-book: Robert L. Thorndike and Elizabeth Hagen, *Measurement and Evaluation in Psychology and Education,* John Wiley & Sons.

Prerequisites: Psychology 201 or 202, and 310 or a suitable course in statistics.

Ten hours lectures a week—3 units.

Mr. Kenny.

RUSSIAN

100. Basic Russian.

First introductory 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.

Miss Carlsen.

SOCIAL WORK

NOTE: All Social Work courses are open only to those who have permission of the School of Social Work.

507. Social Group Work 1.

Historical development of Group Work, relation to other methods in social work, present agency settings, trends. Analysis of groups, group process, individual and group behaviour; group work process, focusing on the role of the group worker in relation to the individual member, the group, the community.

Text-book: Wilson & Ryland, *Social Group Work Practice.* Houghton Mifflin Co.

Prerequisite: This course will be on a credit and non-credit basis.

Ten hours lectures a week, over a period of three weeks—1½ units.

Miss Ryland.

546. Administration of Social Welfare.

Basic principles of administration and organization. Finance, personnel practices, public relations, office procedures.

Text-book: To be announced.

Prerequisite: This course will be available on a credit and non-credit basis.

Ten hours lectures a week, over a period of three weeks—1½ units.

Mr. Linford.

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. Mills.

SPANISH

90. Beginners' Spanish.

Grammar, composition, translation.

Text-books: Kasten and Neale-Silva, *Lecturas escogidas,* Harper Bros.; Sacks, *Spanish for Beginners,* Ronald Press, 1951.

Ten hours lectures a week—3 units.

Mr. Gregg.

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.

Text-book: Storer and Usinger, *Elements of Zoology.*

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

Mr. Ford.

303. Elementary Human Physiology *(formerly Biology 304).*

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

Text-book: *Text-book of Medical Physiology* by Guyton. Published by Saunders.

Required pre-reading: *The Human Body,* Best and Taylor, published by Holt.

Nine hours lectures and 8 hours laboratory a week—3 units.

Mr. Holmes.

306. Biology of the Vertebrates.

The vertebrates, chiefly of British Columbia, identification of species, methods of studying behaviour and ecology, biology, distribution and speciation. Methods of preservation for classroom and museum study.

Prerequisite: Biology 100 or Zoology 105.

Text-books: Pettingill, *A Laboratory and Field Manual of Ornithology*; Cowan & Guiguet, *A Handbook to the Mammals of British Columbia.*

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

Mr. Bendell.

NOTE: This course is designed to provide the material on living vertebrates most needed in a biology teaching major. Some of the laboratories will take the form of short field excursions.

SUMMER SESSION REGISTRATION - 1957

CREDIT COURSES

MEN	WOMEN	TOTAL
1753	1754	3507

CORRESPONDENCE CREDIT COURSES

Students are reminded that the following correspondence courses are available: Psychology 100, Psychology 301, Philosophy 100, English 200, History 304, Economics 306 (formerly 325), Geography 409, Education 520, English 429, French 210.

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

Department of University Extension

SUMMER SCHOOL OF THE ARTS - 1958

The Summer School of the Arts at the University of British Columbia, July - August 1958, will offer one of the most outstanding programmes in the fine arts on the continent. The staff will include such well-known lecturers and artists as John Reich, Marcel Marceau, Aksel Schiotz, Robert Gill, Jean-Paul Lemieux and George Schick. Students will also be able to enjoy the distinguished events of the First Annual International Festival, which is being held in Vancouver this summer during July and August.

As in other years the Summer School programme is offered through the co-operation of various University Departments and through the services of outstanding arts instructors and lecturers. A summer festival featuring student and staff work in music, theatre, and arts and crafts will highlight the programme.

Through generous grants from the Vancouver Festival Society, the Leon and Thea Koerner Foundation and the Friends of Chamber Music, a considerable number of scholarships are available in 1958. An additional number of bursaries have been provided by individuals and organizations for summer students of drama, opera, lieder, art and crafts. Further information may be obtained by writing to the Department of University Extension.

For information concerning admission write:

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

STAFF

Theatre

DOROTHY SOMERSET, A.B., Radcliffe, Director of Summer School of the Theatre.
JOHN REICH, Guest Director.
ROBERT GILL, M.A.
SYDNEY RISK, M.A.
IAN THORNE, L.R.A.M., L.G.S.M.
JESSIE RICHARDSON.
JANIE S. STEVENSON, L.R.A.M., L.G.S.M., A.L.A.M.
SIDNEY BENNETT, M.F.A.
MILDRED CUSHING.
BETTY GEMMILL.
MILTON HOWARTH, M.F.A.
LAWRENCE LYNDS, B.A., B.Ed.

Music and Opera

ROBERT GILL, M.A., Director of Opera for the Summer School.
GEORGE SCHICK, Musical Director, Summer School of Opera.
JOHN COVEART.
AKSEL SCHIOTZ.
NORMA ABERNETHY.
MILTON HOWARTH, M.F.A.

Arts and Crafts

ROBIN PEARCE, Director of Summer School of Visual Arts and Crafts.
JEAN-PAUL LEMIEUX.
CECIL RICHARDS.
S. CARLTON BALL.
DAVID L. MARLON-LAMBERT.
FAY PEARCE.
WILLIAM REID.
JOHN DOBEREINER.
PHILIP THOMAS.

SUMMER SCHOOL OF THEATRE

July 7 - August 23

In the summer of 1958 the University will present an unusual and exciting programme to students of theatre. In addition to its regular and intensive courses in the arts of the theatre, the Summer School of Theatre will offer students the opportunity to try-out for the production of the famous Salzburg "Everyman," by Hugo von Hofmannsthal, which will be directed by John Reich, internationally known stage director, and which will be included among the events presented in the first Vancouver International Festival. Students will act in this production in association with Leo Ciceri, Canadian actor, who has appeared on the London and New York stages and who will play the leading role. Those not cast in "Everyman" will appear in other plays or scenes from plays presented by the School.

An additional feature of the summer will be the visit to the University of the famous French mime, Marcel Marceau, feature artist of the Vancouver International Festival. He will give four lecture-demonstrations for which students in theatre and the fine arts may register.

The University has also enlarged the scope of its summer programme in theatre and, prior to the opening of the Summer Session, from June 15 - 22, the Department of Extension will offer an intensive Short Drama Course for leaders and directors of community drama groups.

Staff

Dorothy Somerset, A.B., Radcliffe: Associate Professor; Director, Summer School of Theatre; Supervisor of Dramatics, Department of University Extension.

John Reich: A graduate of the University of Vienna and of the Max Reinhardt School of the Theatre. Before coming to the United States in 1938 Mr. Reich produced and directed for the Austrian State National Theatre, for Max Reinhardt's "Theatre in der Josefstadt" and for the Salzburg Festival. Prior to his recent appointment as Director of the Goodman Memorial Theatre Mr. Reich was Professor of Dramatic Arts at Columbia University. His recent productions for the New York stage include "Faust," Pirandello's "Henry IV," Euripides' "Hippolytus" and George Bernard Shaw's "Mrs. Warren's Profession."

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. This summer, in addition to teaching for the School of Theatre, he will be Director of the School of Opera.

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 wide and varied experience as actor, director, playwright and lecturer.

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. Now living in Vancouver, Miss Stevenson is in charge of Evening Classes in Speech for the Department of Extension.

Sidney Bennett, M.F.A., Boston: Theatre Technical Director for the University and Production Manager for the Summer School of Theatre.

Mildred Cushing: Assistant Costume Mistress. Mrs. Cushing will be returning to the staff of the Summer School of Theatre for a fourth consecutive season.

Betty Gemmill: Singer and teacher of singing and of 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.

Lawrence Lynds, B.A., B.Ed.: Technical Assistant to the Summer School of Theatre.

Special Courses

Short Drama Course for Leaders and Directors of Community Drama Groups—June 15 - 22

This course will consist of lectures, demonstrations and discussion periods devoted to the following topics: problems of drama group organization; problems of community relations and community support; leadership; programme; play direction; the staging and lighting of plays. Those attending the course will meet in daily and evening sessions. The sessions will be informal, allowing fullest participation, but within the time available a thorough examination will be made of each of the topics suggested.

Among those contributing to the course will be: Miss Dorothy Somerset, Mr. Sydney Risk, Mr. Ian Thorne and Mr. Alan Thomas—Extension Department Supervisor of Adult Education and Communications. Other experts will also be asked to contribute.

Fees:

$20.00.

Accommodation:

Space has been reserved in the University's Youth Training Camp for out-of-town members of the course. The charge will be $1.75 a night. Meals in the University cafeterias may be obtained for $2.00 a day.

Registration:

Registration for the course will be received up to June 1st. Those coming from out-of-town and requiring accommodation in the Youth Training Camp are asked to register by May 1st, otherwise no guarantee can be made that accommodation will be reserved for them.

Registration forms available upon request.

Marcel Marceau

Four Lectures-Demonstrations

Time and Place:

August 1, 4, 6 and 8.

University Auditorium, 1:30 - 2:30 p.m.

Fees:

$4.00 for series of four lecture-demonstrations.

$1.50 for individual lecture-demonstrations.

N.B.—Registration at the University for these lecture-demonstrations will be restricted to students enrolled in Summer Session courses in theatre, music and the fine arts.

SUMMER SCHOOL OF THEATRE

Courses

Theatre Practice: Acting I and Speech I

(English 421* 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.

Time:

Ten hours a week. Rehearsals in addition.

Instructors:

Mr. Thorne, Mr. Gill, Miss Gemmill, Miss Stevenson.

* *This course will be known in the future as Theatre 200.*

Acting II

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

Time:

Five hours a week.

Instructor:

Mr. Gill.

Prerequisite:

Acting I or its equivalent and the consent of the instructor.

Speech II

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

Time:

Five hours a week.

Instructor:

Miss Stevenson.

Prerequisite:

Speech I or its equivalent and the consent of the instructor.

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.

Time:

Six hours a week.

Instructor:

Mr. Reich.

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.

Stagecrafts

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

Time:

Ten hours a week.

Instructors:

Mrs. Richardson, Mr. Bennett, Mrs. Cushing, 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.

Time:

Five hours a week.

Instructor:

Mr. Howarth.

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.

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 English 421 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
8:30 - 12:20 Acting I
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 Speech II
9:30 - 12:20 Acting II
10:30 - 12:20 Directing
} Sections in these three courses will be arranged between these hours so as to avoid conflicts.

1:30 - 2:20 Scene Design and Stage Lighting

2:15 - 5:15 Rehearsals (Additional rehearsals for "Everyman" will be held four or five evenings a week. Additional evening and week-end rehearsals for other plays will be called as needed.)

Opening Meeting of the School

Monday, July 7, at 10:00 a.m. in the University Auditorium.

Fees:

Full course (two or more subjects)	$60.00
English 421 (Acting and Speech)	51.00
(English 421 credit students taking a third course will be required to pay an additional $9.00)	
Single subjects	30.00
Stagecrafts, Scene Design and Lighting Lab. fee	2.00
Summer Session Students' Association fee	2.00

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

Scholarships, Bursaries, Student-Assistantships

A limited number of scholarships and bursaries for the Summer School of Theatre are available to talented and recommended students who, for financial reasons, might not otherwise be able to attend the School. Applications must be received by May 15. They must be accompanied by letters giving full particulars of previous training and experience, as well as by two letters of recommendation from persons with a knowledge of theatre.

Two student-assistantships in both Stagecrafts and Stage Costumes are available to students with knowledge of and experience in carpentry or sewing respectively.

Student-assistants attend regular classes in the morning and in the afternoons assist with the scenery and costumes to be used in the plays presented at the conclusion of the School. Applications for student-assistantships must be received by May 15, giving full particulars of previous training and experience, and they must be accompanied by two letters of recommendation.

MUSIC

The University takes pride in the development of its music programme over the last eight years under the guidance of Mr. Nicholas Goldschmidt, now Artistic and Managing Director of the Vancouver International Festival. In addition to the courses offered and the outstanding Opera performances, Lieder and Choral concerts presented by students, the Summer School of Music has brought to the University many guest artists who have enriched the musical life of the campus and community. The summer of 1958 will see an enlargement of the scope of this programme.

A distinguished new-comer to the University will be Mr. George Schick, Musical Director of the School of Opera. Mr. Schick has conducted in Europe, England, Canada and the United States, and is at present Music Coordinator for the Television Opera Company of the National Broadcasting Company. Mr. Robert Gill, one of Canada's outstanding stage directors, will return to the University as Director of the School of Opera; and Mr. Askel Schiotz, the internationally known Danish Lieder singer, will conduct his third Summer Session series of classes in Lieder and Concert Literature.

A rare and noteworthy feature of the Summer School of Music will be a series of Master Classes in Chamber Music. Through the cooperation of the Vancouver Festival Society advanced musicians will have the privilege of studying under the members of the internationally famous Festival Quartet: Victor Babin, Szymon Goldberg, William Primrose and Nikolai Graudan.

The programme for the Summer School of Music has been arranged in consultation with Mr. Goldschmidt.

SUMMER SCHOOL OF OPERA

July 7 - August 30

(Including auditions and interviews, classes in the musical and dramatic study of standard opera repertoire in excerpts, and production rehearsals and performance in the operas or opera excerpts presented at the conclusion of the School.)

Staff

Robert Gill, M.A., Carnegie Institute of Technology: Director of Hart House Theatre, University of Toronto: Director of the School of Opera. As opera stage director Mr. Gill has made an outstanding contribution to the development of opera in the Canadian west, and it is with pleasure that the University welcomes his return for a third season to the School of Opera.

George Schick: Musical Director, Summer School of Opera. 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. Mr. Schick was also musical coach, accompanist and director to Miss Rise Stevens for two years, and he will bring to students of the School of Opera a wide experience as conductor, teacher and coach.

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 second year as Assistant Conductor and Coach.

Courses

(1) Acting for Opera: July 14-August 16

Dramatic Study of Standard Opera Repertoire in Excerpts.

Instructor: Mr. Gill

Place: University Studio

Times: (Final decision after consultation with students)

Monday, Wednesday, Friday	5:15 - 7:00 p.m. or 7:45 - 9:45 p.m.
Saturday (tentative)	2:00 - 4:00 p.m.

(2) Individual Instruction in Musical Study of Standard Opera Repertoire in Excerpts: July 14-August 16

Instructors: Mr. Schick and Mr. Coveart

Place: University Studio

Times: As arranged by Mr. Schick and Mr. Coveart in consultation with students.

(3) Production Rehearsals: July 14-August 30
(including performances)

Instructors: Mr. Schick, Mr. Gill, Mr. Coveart

Place: University Studio

Times: As arranged by instructors in consultation with students.

The Opera courses will concentrate upon the preparation of an evening of opera excerpts and/or a triple bill made up of the following operas: "Lantern Marriage" by Jacques Offenbach, "There and Back" by Paul Hindemith, and the world premiere of "Sganarelle" by Walter Kaufmann. 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 and Italian. They will be expected to provide their own music.

Auditions: Admission to the Opera courses will be by audition. Preliminary auditions will be held in the week of June 23 - 27. Appointments may be made by writing or telephoning the Extension Department, ALma 4600.

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.

First Week of School of Opera: July 7 - 11

During the first week of the School Mr. Schick and Mr. Gill will conduct the final auditions and interviews for the Summer School of Opera. They will also hold a meeting of all students registered in the School for the purpose of organizing classes and hours for private instruction. Times will be announced following the preliminary auditions.

Fees:

Complete Opera Course	$60.00
Auditors	20.00
Summer Session Students' Association fee	2.00

Scholarships:

A limited number of scholarships to the Summera School of Opera are available to talented students seriously interested in opera who, without financial assistance, might not be able to attend the School.

Applications for scholarships must be submitted to the Department of University Extension prior to the opening of the Opera School. They must be accompanied by letters giving full particulars of previous training and experience, as well as by two letters of recommendation from persons with a knowledge of singing.

THE STUDY OF LIEDER AND CONCERT LITERATURE

July 21 - August 23

Staff

Aksel Schiotz: The University of British Columbia takes great pleasure in welcoming the return for a third consecutive summer of Mr. Aksel Schiotz, internationally recognized as one of the world's great Lieder singers. Since 1938, when he started his career in his native Denmark, Mr. Schiotz has given concerts and sung in opera in Europe, England, North Africa, the United States and Canada. For his services as a "national singer", in sustaining the morale of the Danish people during the occupation, he was decorated by the late King Christian X. He was leading tenor in the first post-war Glyndebourne Festival in 1948, and in 1949 he was among the outstanding artists heard at the Edinburgh Festival. In 1955 Mr. Schiotz was guest artist at the Musical Festival of Canada in Stratford, Ontario, and during the same period he taught master classes at the Royal Conservatory of Music in Toronto. Since making his home in America he has been professor at Macalester College, St. Paul, Minnesota, and at the University of Minnesota in Minneapolis. Mr. Schiotz will give a Lieder Recital under the auspices of the Vancouver Festival Society, on the evening of Wednesday, August 13, in the Vancouver Art Gallery.

Norma Abernethy and **John Coveart:** Concert pianists and accompanists to Mr. Schiotz.

Classes:

Mr. Schiotz' classes will be given over a period of five weeks during which time he will direct his students in the study of vocal techniques and in the interpretation of Concert and Lieder Literature, including the cantatas and oratorios of Bach and Handel. Special sessions will be planned to meet the requirements of teachers of singing. At the conclusion of the classes his students will present a public concert.

(1) Individual Half-Hour Lessons

Place: University Studio

Times: (subject to change)

Monday through Friday: 10:20 a.m. - 12:20 p.m. or
4:00 p.m. - 6:00 p.m.

Fees: $5.00 a lesson.

(2) Group Master Classes

Place: University Studio

Times: (subject to change)

Monday: 7:45 - 9:30 p.m.
Tuesday: 6:30 - 8:15 p.m.
Thursday: 7:45 - 9:30 p.m.

Fees:

For participants	$35.00
For auditors	20.00
Summer Session Students' Association fee (for students taking both individual lessons and master classes).	2.00

Times: Mr. Schiotz will make a final decision as to the hours at which he will conduct his classes after he has had an opportunity to consult with his students.

Music:

A list of Lieder, oratories and songs suitable for these classes has been prepared by Mr. Schiotz, copies of which may be obtained from the Extension Department. Students are expected to provide their own music.

Auditions: Acceptance of students for individual lessons and of participants in the group master classes will be by audition.

Preliminary audition dates: June 23 - 27.

Final auditions at date to be announced.

Appointments for auditions may be made in writing or by telephoning the Extension Department, ALma 4600.

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.

Scholarships:

A limited number of scholarships for the course in Lieder and Concert Literature are available to talented students who, without financial assistance, might not be able to avail themselves of this opportunity. Further information upon request.

MASTER CLASSES IN CHAMBER MUSIC: July 21 - August 9.

Artist-Instructors:

Victor Babin—Piano.
Szymon Goldberg—Violin.
William Primrose—Viola.
Nikolai Graudan—Cello.

These distinguished members of the internationally famous Festival Quartet will be in Vancouver as featured artists of the first Vancouver International Festival. Their contribution to the University's Summer School of Music has been made possible through the co-operation of the Vancouver Festival Society and the Friends of Chamber Music.

Classes:

Between July 21 and August 9 the Festival Quartet artists will conduct a series of group Master Classes which will be devoted to individual instrumental instruction and criticism and to Chamber Music ensemble instruction.

Times:

Monday through Friday: 2:00 - 4:00 p.m. (tentative).

Places:

To be announced at beginning of classes.

Private Instruction

The members of the Festival Quartet will be available for private instruction, all arrangements to be made individually with the artists concerned.

Registration:

Only advanced instrumentalists will be accepted into the Master Classes. Acceptance will be based upon audition or recommendation.

The numbers in each class will be limited to six persons. No class will proceed without a registration of six persons.

Fees:

For series of fifteen classes $100.00

Scholarships:

Through the generosity of the Vancouver Festival Society and the Friends of Chamber Music a limited number of scholarships are available to those accepted into the classes but who, without financial assistance, would not be able to take advantage of the unique opportunity to study under these distinguished artists.

Auritions: Applications for auditions and interviews must be received by June 15. They will be held at the University on July 7, 8, and 9, from 4:00 - 6:00 p.m., in the Music Room of Brock Hall.

Applications for acceptance based upon recommendation, for out-of-town applicants, must also be received by June 15.

Applicants must indicate under which artist they wish to register.

Those desiring scholarships must so indicate when they make application.

University Chorus: July 8 - August 18.

Instructor:

George Schick—Since these noon-hour classes are for the delight and instruction of those who enjoy singing and fine music they are open to everyone. Their purpose is to bring together student, teacher, amateur and, through active participation, acquaint them with some of the finest choral music. The music selected will be easy to read in order that all participating may derive the greatest pleasure and benefit. At the conclusion of the course students will present a public concert with orchestra.

Place:

Buchanan 104.

Time:

Monday, Tuesday, Thursday: 12:30 - 1:20 p.m.

Fees:

$5.00.

SUMMER SCHOOL OF THE ARTS AND CRAFTS

OPEN AIR EXHIBITIONS ON CAMPUS

OUTDOOR EXHIBITION OF MASSIVE CARVING—SALISH, KWAKIUTL, and HAIDA

Some thirty magnificent examples collected by the University of British Columbia and the Provincial Museum are perhaps the best collection which has ever been exhibited.

OUTDOOR EXHIBITION OF SCULPTURE

The University Department of Extension is most pleased to play host for the second time on campus to the North West Institute of Sculpture, whose members have contributed to this exhibition.

U.B.C. ART GALLERY

Exhibition of Paintings by Jean-Paul Lemieux: June 23 - July 19

Exhibition of Dutch Watercolours and Drawings: The changing Dutch landscape—1600 to the present: July 22 - August 22

This very fine collection is being sponsored by the Dutch Government in connection with the First International Vancouver Festival of the Arts. Dr. A. B. de Vries, from the Mauritshuis, will be on campus with the exhibition.

PAINTER'S STUDIO: July 7 - August 22.

These courses will provide opportunity for work from life, still-life, landscape and from imagination in both oil and water media, under the distinguished painter, Jean-Paul Lemieux.

Section A:

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

Section B:

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

Place:

Painting Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

Fee:

$30.00 for each section.

Instructor:

Jean-Paul Lemieux. His painting is represented in the National Gallery of Canada and in many public and private collections; it has also represented Canada abroad, in Australia, at the Sao Paulo Biennale, and elsewhere. He is a native of Quebec and since 1937 has taught at the Quebec Ecole des Beaux Arts. He has worked in Paris, and received an Overseas Federal Fellowship 1954-5.

TEENAGE STUDIO: July 7 - August 20.

This course is specially planned for those from the ages of fourteen to eighteen and will deal particularly with the basic principles of drawing, design, and painting in both water and oil media, as well as with the background of the subject generally. Students will be able to work from life, and imagination, and will be free to experiment.

Classes:

Mondays and Wednesday 7:30 p.m. - 9:30 p.m.

Place:

Painting Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

Fee:

$12.00.

Instructor:

Fay Pearce is a painter whose work has been exhibited in England, France, Africa, and the Middle East, where she has also taught and lectured for The Arts Council of Great Britain, and for the British Council. She has a long experience of teaching teenagers in various countries and was the first Supervisor for British Government Fine Arts Examinations on the Island of Cyprus.

SCULPTOR'S STUDIO: July 7 - August 22.

This course is designed for beginning, intermediate and advanced sculpture students, and devoted to developing a groundwork in the sculptor's media, stone, wood and clay modelling, with some work from life. Instruction will be on a tutorial basis and will take into consideration individual needs.

Time:

Monday through Friday: 10 a.m. - 12 noon; 2 p.m. - 4 p.m.

Place:

Sculpture Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

Fees:

Mornings or afternoons only: $25.00 plus $5.00 lab fee.
All sessions: $45.00 plus $5.00 lab fee.

Instructor:

Cecil Richards. He studied at the Ontario College of Art and the Cranbrook Academy of Art, where he assisted Carl Milles and later taught. He has also taught at the University of Texas and is at present Associate Professor in the Department of Art at the University of Manitoba. He has exhibited widely throughout the continent and his works are in numerous public and private collections.

EXTERIOR DECORATION.

It is hoped that the seven large wall panels on the newly-constructed court will be the centre of a combined project for sculptors and painters in the Summer School. Designs will be accepted for consideration to be carried out in various media as projects in large scale mural work.

Designs will also be considered for carrying out a sculpture centrepiece to the courtyard.

THE SEEING EYE: July 7 - August 19.

A series of background lectures on the visual arts and crafts designed to give a context to all the practical activities of the Summer School. These lectures will be illustrated with slides, reproductions and film, will also include an illustrated discussion of film as a medium, and are planned to give an orientation to, rather than a history of, art.

Lectures:

Monday and Tuesday, 12:30 - 1:30 p.m.

Fee:

Free to students. 50c per lecture to general public.

Place:

Physics 200.

Lecturer:

Robin Pearce, Director of the Summer School of Visual Arts and Crafts, was formerly staff lecturer to The Arts Council of Great Britain, official lecturer to the National Gallery, and Tate Gallery, London, England, lecturer in Fine Arts at the University of East Africa, and lecturer for the British Council. He is also a painter, with work in collections both here and abroad, and a film director.

CERAMICS WORKSHOP:

HOW TO BUILD A KILN: July 7 - August 1.

A general and very practical course for practicing potters. It contains the best points of all modern kiln production practices, and students will, if they wish, be able to build their own kilns during the course, if they purchase their own material which would cost in the neighbourhood of $35 - $40.

Students will in any event be able to participate in the group projects of building kilns, and the course will deal with: Kilns from the point of view of history, types, uses, and construction features.

Elementary test kilns: descriptive notes on construction—wood, oil, gas, electric.

Construction of larger size production kiln, electricity medium temperature and special points high temperature.

Notes on regulations.

Group discussions with a moderator regarding problems of individual groups of students.

Special consideration will be given to local conditions.

Classes:

Monday through Friday: 10 a.m. - 12 noon; 12:30 p.m. - 2:30 p.m.

Place:

Pottery Hut, Arts and Crafts Centre, Acadia Camp, University Campus.

Fees:

$45.00.

Instructor:

David L. Marlon-Lambert, M.B.C.S., of Lambert Potteries Ltd., Vancouver.

ELEMENTARY CERAMICS: August 4 - 22.

A course for beginners and teachers in hand construction and throwing, stressing limited equipment and supplies, for earthenware.

Classes:

Monday through Friday: 10 a.m. - 12 noon.

Place:

Pottery Hut, Arts and Crafts Centre, Acadia Camp, University Campus.

Fees:

$35.00 plus $4.00 lab. fee.

Instructor: S. Carlton Ball.

ADVANCED CERAMICS: August 4 - 22.

This course will emphasize decorative techniques, refinement of form, and glaze manipulation for exhibition quality work.

Classes:

Monday through Friday: 2:30 p.m. - 4:30 p.m.

Place:

Pottery Hut, Arts and Crafts Centre, Acadia Camp, University Campus.

Fees:

$40.00 plus $6.00 lab. fee.

Instructor:

S. Carlton Ball. He is Professor of Fine Arts at the University of Southern California, was the holder of a Ford Fellowship 1954-5, and has exhibited extensively in Europe and the U.S.A. where his work has collected numerous awards.

DESIGN FOR THE THEATRE: July 8 - 31

A short intensive course for practicing artists on all aspects of scene design and decor for live theatre.

Classes:

Tuesday and Thurday—7:30 p.m. - 9:30 p.m.

Place:

Architecture Hut O-16.

Fee:

$10.00.

Instructor:

Milton Howarth. He has been the designer of productions for Gertrude Lawrence, Melvyn Douglas, Mel Ferrer, Margo, Dame Mae Whitty, Katherine Dunham, among many others. As a painter he is a member of the Salon d'Automne, Paris, and has exhibited widely both in France and U.S.A.

METAL WORKSHOP: July 7 - 25.

This course provides instruction in basic jewelry techniques. Work with silver, copper and enamel and the manufacture of brooches, earrings, bracelets, etc., will be undertaken.

Classes:

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

Place:

Metal Workshop, Arts and Crafts Centre, Acadia Camp, University Campus.

Fee:

$25.00 plus $3.00 lab. fee.

Instructor:

William Reid, celebrated for his jewelry, trained at Ryerson Institute in Toronto, and apprenticed with the Platinum Art Company. He has exhibited at the Vancouver Art Gallery, and The North West Craftsman Show in Seattle. His work is handled by the Canadian Handicrafts Guild in Montreal.

CREATIVE ART FOR CHILDREN: July 7 - August 14.

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:

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

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

Place:

Children's Studio, Arts and Crafts Centre, Acadia Camp, University Campus.

This model and experimental studio, both in layout and in teaching, has been designed and constructed as a joint project of the Extension Department and the Faculty of Education and will be in use for the first time this summer.

Fee:

$10.00.

Instructors:

John Dobereiner, Director of the University Department of Extension Children's Art Programme and art teacher at Richmond High School. Mr. Dobereiner is a graduate of the Vancouver School of Art. He has been building up this work with increasing popularity and success for the last four years.

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

CRITICS SEMINAR: July 28—10 a.m. - 4 p.m.

Visiting critics to the Vancouver International Festival will be present to discuss all aspects of criticism in the fine arts and entertainment—an occasion when critics and artists in British Columbia can discuss the responsibility and problems of criticism with eminent members of this profession from elsewhere.

SCHOLARSHIPS

There are some scholarships available to students of the Visual Arts and Crafts in the following subjects: Ceramics, Painting, Metalwork, and Sculpture. Applications for scholarships should be accompanied by two photos of the student's work and a brief notation of training and experience. This material should be received before May 15.

SUMMER SCHOOL LECTURE SERIES

The Department of Extension presents a varied series of lectures on the Calendar of Special Events. Among the distinguished personalities contributing are:

Dr. Gunther Rennert, international producer, who will produce and direct "Don Giovanni" for the 1958 Vancouver Festival; **Mr. John Reich,** Head of Goodman Memorial Theater, Chicago Art Institute; **Mr. Douglas Seale,** Director for Birmingham Repertory Theatre and the great festivals of Europe. *(Panel Discussion on Contemporary Theatre*—July 15th).

Dr. Malcolm M. Ross, Head of English Department, Queen's University, Kingston. *(Post-war Canadian Poetry*—August 5th).

Dr. A. B. de Vries, Director of the Mauritshuis Art Institute, The Hague, Holland. *(Jan Vermeer van Delft*—July 29th).

Dr. Paul Nettl, well known musicologist from Indian University. (Topic to be announced—August 11th, 12th, 13th).

Sir Arthur Binns, Director of Education, Lancashire, England. *(Public Opinion and Education*—July 21st).

Mr. Wilfrid Eggleston, Director of Department of Journalism, Carleton University, Ottawa. (Topic to be announced—July 10th and 11th).

Mr. Alexander Fried, *San Francisco Examiner*; **Mr. La Roche,** Montreal *La Presse*; **Mr. Eric McLean,** *Montreal Star*; **Mr. Herbert Whittaker,** *Toronto Globe and Mail. (Critics' Symposium*—July 28th).

It is hoped to include a lecture on Malayan affairs, and on film production technology—the complete programme will be distributed in May.

"The Seeing Eye"—noon-hour series of background lectures in visual arts and crafts by Mr. Robin Pearce (See Summer School of Arts and Crafts, page 65).

SEMINAR ON MALAYA

Preliminary arrangements have been made for a five-day seminar on Malaya along the lines of last year's on Japan. The tentative dates are July 28 to August 1. Efforts are being made to secure the services of experts from North America, the United Kingdom and, of course, Malaya itself. The program will deal with various aspects of life in the Federation of Malaya and with her position in world affairs.

Enquiries for further information should be addressed to the Extension Department anytime after April 1.

SEMINAR ON B.C. HISTORY

Plans are being made for a one or two-week seminar summer school on the history of British Columbia. Discussions amongst the Faculty of Education, the British Columbia Teachers' Federation, the Department of Education and the Extension Department are being held with a view to providing a non-credit course of this kind in keeping with the provincial centennial.

Enquiries about this seminar should be directed to the Extension Department.

REFRESHER COURSE ON THE TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL

The B.C. Teachers' Federation and the Extension Department, in co-operation with the Faculty of Education, are planning a two-week non-credit course on the teaching of arithmetic. Information about the course may be obtained from the In-Service Training Committee of the B.C.T.F.

PRE-SCHOOL METHODS

DEMONSTRATION COURSE IN PRE-SCHOOL METHODS

July 7 to July 25.

Classes:

Monday to Friday 10:00 a.m. to 12:00 noon; 1:00 p.m. to 3:00 p.m.

Place:

Hut 41, Acadia Camp, University Campus.

Fee:

$25.00.

Since registration must be limited, applications should be received before June 15, 1958.

Instructor:

To be announced.

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 the instructor, assisted by two class members, working with groups of four and five-year-old children. Afternoon sessions will be lecture-discussion periods, correlated with the morning's activities. 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 Health and 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.

PRINCIPALS' CONFERENCE AND WORKSHOP

The Faculty and College of Education is co-operating with the British Columbia Trustees' Association, the British Columbia Teachers' Federation, and the Provincial Department of Education in conducting a conference and workshop to discuss the **Leadership Role of the Principal.** Representatives from each body form the planning committee of which Dr. J. F. K. English, Assistant Deputy Minister of Education is chairman. Membership at the conference is limited to sixty principals each of whom will be chosen by his own school board. The conference will be in session from July 14 to July 25, and members, except those from the Lower Mainland area, will reside on campus.

Problems of administration and supervision will be dealt with in lecture, discussion, and workshop sessions.

Daily from 8:30 to 9:30 a.m., members will assemble to hear a lecture by one of eight speakers prominent in education in Canada, England and the United States. Each lecture will be followed by a discussion and question period of approximately forty-five minutes.

From 10:30 to 11:45 a.m. and from 1:00 to 2:15 p.m., five groups, each consisting of twelve members, will consider and report on problems of a

specific nature. Each group will be assisted by an experienced consultant and will devote one week to considering problems of administration and another week to considering problems of supervision.

The period from 2:15 to 3:30 p.m. each day will be devoted to special sessions consisting of panel discussions and lectures by members of the University Summer Session staff.

Prior to the opening of the conference, members will be expected to confer with their school boards and inspectors to agree upon subjects for private investigation. These studies will be pursued, in the main, after conference hours. However, the facilities of the conference and of the university will be available to members who, at suitable times during conference sessions, may introduce discussion on the subjects on which they are working. Each member will report the results of private investigation directly to his own school board. These results will not be included in the general report of the conference which will be prepared by the director.

Information about the conference has been published in Bulletins of the Department of Education. Additional information may be obtained by writing to Mr. John McGechaen, Director, Principals' Conference, Faculty of Education, University of British Columbia.

FIRST ANNUAL
VANCOUVER INTERNATIONAL FESTIVAL

The first Annual Vancouver International Festival will be held from July 19th to August 16th inclusive. For further information on the events listed below please write to the Vancouver Festival Society, Rooms 7 and 8, Hotel Vancouver, and complete details will be sent to you.

- **SATURDAY, JULY 19th**

  Orpheum Theatre, 8:30 p.m.

  Conductor: Bruno Walter
  Soloist: Maureen Forrester

  Euryanthe Overture ..... Weber
  Unfinished Symphony ..... Schubert
  Alto Rhapsody ..... Brahms
  2nd Symphony ..... Brahms

- **SUNDAY, JULY 20th**

  Vancouver Art Gallery, 8:30 p.m.
  Opening of Book Exhibition.

- **MONDAY, JULY 21st**

  Georgia Auditorium, 8:30 p.m.
  World Premiere: **"The World of the Wonderful Dark."** A play with music by Lister Sinclair; producer: Douglas Seale; starring: Barry Morse.

- **TUESDAY, JULY 22nd**

  Orpheum Theatre, 8:30 p.m.
  Repeat Performance of Opening Symphony Concert.
  Conductor: Bruno Walter; soloist: Maureen Forrester.

  Georgia Auditorium, 8:30 p.m.
  "The World of the Wonderful Dark."

  University Art Gallery, 5:00 p.m.
  Opening of Dutch Exhibition, **"The Changing Dutch Landscape."**

- **WEDNESDAY, JULY 23rd**

  Orpheum Theatre, 8:30 p.m.
  Recital: Glen Gould. Programme will include Goldberg Variations.

  Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
  "The World of the Wonderful Dark."

- **THURSDAY, JULY 24th**

  Georgia Auditorium, 8:30 p.m.
  "The World of the Wonderful Dark."

  University Brock Hall, 6:00 to 7:00 p.m.
  C.B.C. Chamber Orchestra. Conductor: John Avison. Admission free. Presented by the Canadian Broadcasting Corporation.

- **FRIDAY, JULY 25th**

  Orpheum Theatre, 8:30 p.m.
  First Jazz Concert. The Jack Teagarden Sextet.

  Georgia Auditorium, 8:30 p.m.
  "The World of the Wonderful Dark."

  Hotel Vancouver Ballroom
  First Concert. Festival Quartet. Programme: Mozart, Walton Brahms.

- **SATURDAY, JULY 26th**

  Orpheum Theatre, 8:30 p.m.
  Opening Performance: **"Don Giovanni."** Conductor: Nicholas Goldschmidt; producer: Gunther Rennert; designer: Ita Maximovna; title role: George London.

  Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
  "The World of the Wonderful Dark."

- **SUNDAY, JULY 27th**

  Orpheum Theatre, 8:30 p.m.
  2nd Symphony Concert. Conductor: Irwin Hoffman,
  Soloist: Glen Gould.

5th Symphony	Prokofieff
Lyric Interlude	Turner
Piano Concerto No. 2	Beethoven
Leonore Overture No. 3	Beethoven

- **MONDAY, JULY 28th**

  Orpheum Theatre, 8:30 p.m.
  2nd Jazz Concert. The Jack Teagarden Sextet.

  Georgia Auditorium, 8:30 p.m.
  "The World of the Wonderful Dark."

  University Auditorium, 8:30 p.m.
  A public panel discussion "The Responsibilities of the Critic."

- **TUESDAY, JULY 29th**

  Orpheum Theatre, 8:30 p.m.
  Repeat Performance: **"Don Giovanni."** Conductor: Nicholas Goldschmidt; title role: George London.

  Georgia Auditorium, 8:30 p.m.
  "The World of the Wonderful Dark."

  Hotel Vancouver Ballroom, 8.30 p.m.
  Recital: Maureen Forrester with John Newmark.

- **WEDNESDAY, JULY 30th**

  Orpheum Theatre, 8:30 p.m.
  C.B.C. Chamber Orchestra. Conductor: John Avison; Soloists: Glen Gould, Nicholas Fiore, Arthur Polsen. All Bach Programme.

  Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
  "The World of the Wonderful Dark."

- **THURSDAY, JULY 31st**

Orpheum Theatre, 8:30 p.m.
"Don Giovanni."

Georgia Auditorium, 8:30 p.m.
Opening Performance: **"Marcel Marceau."**

University Brock Hall, 6:00 to 7:00 p.m.
C.B.C. Chamber Orchestra. Conductor: George Schick. Soloist to be announced. Admission free. Presented by the Canadian Broadcasting Corporation.

- **FRIDAY, AUGUST 1st**

Orpheum Theatre, 8:30 p.m.
3rd Jazz Concert. Dizzy Gillespie Quintet.

Georgia Auditorium, 8:30 p.m.
Repeat Performance: **"Marcel Marceau."**

Hotel Vancouver Ballroom, 6:00 to 7:00 p.m.
2nd Concert. Festival Quartet. Programme: Beethoven, Schumann, Brahms.

Art Gallery,
Recital: Ingrid Bjoner with George Schick.

- **SATURDAY, AUGUST 2nd**

Orpheum Theatre, 8:30 p.m.
3rd Symphony Concert. Verdi — Requiem. Festival Chorus and Orchestra. Conductor: William Steinberg; Soloists: Lois Marshall, Maureen Forrester, Jon Vickers, George London.

Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
"Marcel Marceau."

- **SUNDAY, AUGUST 3rd**

Orpheum Theatre, 8:30 p.m.
Repeat Performance of Verdi Requiem.

- **MONDAY, AUGUST 4th**

Orpheum Theatre, 8:30 p.m.
4th Jazz Concert: Dizzy Gillespie Quintet.

Georgia Auditorium, 8:30 p.m.
"Marcel Marceau."

Hotel Vancouver Ballroom
Joint Recital: Pierrette Alarie, Leopold Simoneau, with John Newmark. Programme: Mozart and French Composers.

Vogue Theatre, 8:30 p.m.
Opening: **International Film Festival.**

- **TUESDAY, AUGUST 5th**

Orpheum Theatre, 8:30 p.m.
"Don Giovanni."

Georgia Auditorium, 8:30 p.m.
"Marcel Marceau."

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.

- **WEDNESDAY, AUGUST 6th**

  Orpheum Theatre, 8:30 p.m.
  Recital: Lois Marshall with Weldon Kilburn.

  Georgia Auditorium, 8:30 p.m.
  "Marcel Marceau."

  Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
  International Film Festival.

- **THURSDAY, AUGUST 7th**

  Orpheum Theatre, 8:30 p.m.
  "Don Giovanni."

  Georgia Auditorium, 8:30 p.m.
  "Marcel Marceau."

  University, Brock Hall, 6:00 to 7:00 p.m.
  Conductor: Nicholas Goldschmidt; Soloist: Ingrid Bjoner.

  Vancouver Hotel Ballroom, 8:30 p.m.
  Recital: Duo Pianists: Vronsky and Babin.

- **FRIDAY, AUGUST 8th**

  Orpheum Theatre, 8:30 p.m.
  5th Jazz Concert: Oscar Peterson Trio.

  Georgia Auditorium, 8:30 p.m.
  "Marcel Marceau."

  Hotel Vancouver Ballroom
  3rd Concert, Festival Quartet. Brahms; Canadian Prize-Winning Composition; Schubert: Trout Quintet. Double bass: Sidney Wells.

  Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
  International Film Festival.

- **SATURDAY, AUGUST 9th**

  Orpheum Theatre, 8:30 p.m.
  "Don Giovanni."

  Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
  "Marcel Marceau."

  Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
  International Film Festival.

- **SUNDAY, AUGUST 10th**

  Orpheum Theatre, 8:30 p.m.
  4th Symphony Concert. Conductor: William Steinberg; Soloists: Szymon Goldberg, William Primrose.
  Canadian Prize-winning Symphony.
  Symphony Concertante ..... Mozart
  7th Symphony ..... Beethoven

- **MONDAY, AUGUST 11th**

  Georgia Auditorium, 8:30 p.m.
  Opening Performances. National Dancers of Ceylon.

  Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
  International Film Festival.

- **TUESDAY, AUGUST 12th**

Georgia Auditorium, 8:30 p.m.
National Dancers of Ceylon

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.

- **WEDNESDAY, AUGUST 13th**

Georgia Auditorium, Matinee 2:30 p.m., Evening 8:30 p.m.
National Dancers of Ceylon

Vancouver Art Gallery
Recital: Aksel Schiotz "Die Schoene Muellerin". Song Cycle by Franz Schubert with John Coveart.

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.

- **THURSDAY, AUGUST 14th**

Georgia Auditorium, 8:30 p.m.
National Dancers of Ceylon
University Brock Hall 6:00 to 7:00 p.m.
C.B.C. Chamber Orchestra. Conductor and soloist to be announced later. Presented by the Canadian Broadcasting Corporation.

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.

- **FRIDAY, AUGUST 15th**

Georgia Auditorium, 8:30 p.m.
National Dancers of Ceylon

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.

- **SATURDAY, AUGUST 16th**

Georgia Auditorium, Matinee: 2:30 p.m., Evenings: 8:30 p.m.
National Dancers of Ceylon

Vogue Theatre, 1 p.m., 4 p.m., 8:30 p.m.
International Film Festival.
Film Awards. Closing of International Film Festival.

University Auditorium: 8:30 p.m., Tuesday, Wednesday, Thursday, Friday and Saturday — August 12th — August 16th — "Everyman" produced by John Reich with Leo Ciceri in the Title Role; a presentation by the University Summer School of Theatre. Tickets for these performances at University Theatre reservations, Telephone: AL 4600, and at Kelly's, MU 1-7511.

ALL PROGRAMMES SUBJECT TO CHANGE

SOME CENTENNIAL YEAR EVENTS

July 1	Police Sports—Empire Stadium.
July 1	Centennial Citizenship Day—with pageantry, etc.
July 1-4	Pacific International Yachting Regatta—R.V.Y.C.
July 1-4	Conference of the Federation of Canadian Music Festivals.
July 2	"Simon Fraser" Brigade at Kitsilano.
July 4-7	Welch Centennial Singing Festival & Convention.
July 5-6	Pacific N.W. Chinese Invitational Golf Tournament—Fraserview.
July 5-6	N.W. District Lightning Championship Regatta—R.V.Y.C.
July 5	Annual Highland Games—U.B.C.
July 9-12	Western District Order of Runeberg Conference.
July 9-12	Lawn Bowling Tournaments.
July 12	Orangemen's Parade.
July 12	United Ukrainian Centennial Festival (Forum)
July 16-23 (approx.)	H.R.H. Princess Margaret and Visit of Navies.
July 18	C.P.R. Pensioners' Railway Night—Kitsilano Beach.
July 19	St. Andrews & Caledonian Society Games—Empire Stadium.
July 19	Eastern Cricket League vs. B.C. Mainland League—Brockton Point.
July 19-Aug. 16	First Annual Vancouver International Festival.
July 21-Aug.9	"Damn Yankees"—Theatre Under the Stars.
July 26	Exhibition Canadian Football—Empire Stadium.
July 26-27	Cricket Matches—Eastern Cricket League vs. B.C. Mainland League.
July 27	Outdoor Art Festival—Federation of Canadian Artists—Stanley Park.
July 28-Aug. 2	Canadian Lawn Tennis Championships.
July 28	Cricket. Eastern League vs. B.C. Colts—Brockton Point.
Aug. 1 (approx.)	Park Board Square Dance.
Aug. 1	Swiss Society Centennial Festival.
Aug. 1 or 2	Exhibition Canadian Football.
Aug. 2	Cricket Matches—East Canada vs. West.
Aug. 3	Cricket. Brockton Oval—Commonwealth Naval XI vs. B.C. League.
Aug. 4-16	International Film Festival—Vogue Theatre (Festival Society).
Aug. 7-8	Canadian Army Track & Field Sports—U.B.C.
Aug. 10	Business & Professional Women—International Picnic.
Aug. 11-30	"The King and I"—Theatre Under the Stars.
Aug. 15-16	B.C. Swimming Championships & B.E.G. Swimming Exhibition—Empire Pool, U.B.C.
Aug. 16	Sweden Day Celebrations.
Aug. 17	Vancouver Chinese Public School Queen's Festival.
Aug. 18-Sept. 1	Pacific National Exhibition.
Aug. 19-23	R.C.M.P. Ride & Band—Exhibition Park.
Aug. 19-23	Babe Ruth Little League—1958 World Series—Capilano Stadium.
Aug. 21-24	Canadian Swimming Championships—Empire Pool.
Aug. 22-24	Dominion-Wide W.R.C.N.S. Re-Union—U.B.C.
Aug. 25-29	North American Junior Sailing Championships—R.V.Y.C.
Aug. 25-29	Y.M.C.A. Conference.
Aug. 27-Sept. 1	$50,000 B.C. Centennial Open Golf Tournament.

Marceau

Robert Gill

George Schick

Aksel Schiotz

Festival Quartet: Left to right, Szymon Goldberg, Victor Babin, Nikolai Graudan, William Primrose.

John Reich

orothy Somerset

Sydney Risk

Robin Pearce

John Coveart

l Richards

Milton Howarth

E. Carlton Ball

Dr. Gunther Renne

BRITISH COLUMBIA'S CENTENNIAL Y

THE UNIVERSITY OF BRITISH COLUM

GOLDEN JUBILEE

SUMMER SESSIO

JULY 7th to AUGUST 21st 1958