The Fourth regular meeting of the Senate of The University of British Columbia for the Session 1974-75 was held on Wednesday, December 18, 1974 at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Dean J. H. M. Andrews, Dean D. V. Bates, Dr. L. L. Bongie, Dr. C. B. Bourne, Dr. C. A. Brockley, Dr. T. H. Brown, Rev. P. C. Burns, Mr. R. J. Carter, Dr. S. D. Cavers, Dr. R. M. Clark, Dean I. McT. Cowan, Dr. R. Daniels, Dr. C. G. David, Ms. B. G. Errington, Mrs. F. Field, Dr. C. V. Finnegan, The Hon. E. D. Fulton, Dean E. M. Fulton, Mr. G. S. Funt, Dean J. A. F. Gardner, Dr. W. C. Gibson, Dr. D. F. Hardwick, Dr. T. D. Heaver, Dr. B. Howard, Miss W. J. Hudson, Dr. F. R. C. Johnstone, Dr. J. M. Kennedy, Dr. L. Kraintz, Mrs. W. T. Lane, Dr. D. J. MacDougall, Mr. D. B. Mackay, Dean A. J. McClean, Dr. R. E. McConnell, Dr. C. A. McDowell, Dr. M. F. McGregor, Rev. J. P. Martin, Mr. A. M. Moore, Ms. C. M. Moriarty, Mr. R. F. Osborne, Dr. R. A. Restrepo, Dean B. E. Riedel, Dr. G. Rosenbluth, Dr. I. S. Ross, Dr. A. D. Scott, Dean M. Shaw, Ms. S. H. M. Smaill, Mrs. C. A. Soong, Dr. J. R. Stein, Mr. G. A. Thom, Mr. B. B. Trevino, Dr. M. Uprichard, Dean G. M. Volkoff, Dr. W. A. Webber, Dr. R. L. White, Acting Dean R. M. Will.

Observer: Mr. J. A. Banham

Messages of regret for their inability to attend were received from Chancellor N. T. Nemetz, Mrs. M. F. Arrus, Mr. R. M. Buzza, Mr. C. P. Cole, Dr. N. Epstein, Dean W. D. Finn, Dr. J. G. Foulks, Dr. S. M. Friedman, Dr. R. F. Gray, Mr. I. F. Greenwood, Dr. J. M. Houston, Dr. W. D. Kitts, Mrs. J. MacD. Lecky, Dean S. W. Leung, Mr. T. B. Lindsay, Dr. P. A. Lusztig, Dr. G. V. Parkinson, Mr. P. S. Plant, Dr. K. S. Stockholder, Mr. B. Stuart-Stubbs, Mr. F. C. Walden, Mr. D. R. Williams.
The Chairman welcomed to Senate Rev. Paul C. Burns who had replaced Rev. R. W. Finn as Principal of St. Mark's College and as representative of the college on Senate.

Congratulations were offered to Ms. B. Gene Errington on her appointment by the Provincial Government as Status of Women Co-ordinator for International Women's Year 1975.

Congratulations were also extended to the two faculty members elected to serve on the Board of Governors, Dr. G. Rosenbluth and Dr. W. A. Webber, and to the two student members Mr. Svend J. Robinson and Mr. Richard H. Murray.

Minutes of the Previous Meeting

Dr. Hardwick  )  That the Minutes of the Third regular meeting of Senate for the Session 1974-75 having been circulated, be taken as read and adopted.
Dr. McGregor  )  

Carried

Business arising from the Minutes

Advisory Committee for the selection of Deans (P.6243-5)

Senate was notified that the following resolution was passed by the Board of Governors at its meeting of December 3, 1974:-

"That, as recommended by Senate at its meeting of November 13, 1974 the proposed Advisory Committee for the Selection of Deans be adopted only for the selection of a Dean of Arts, to succeed the present Dean of Arts; and that President Walter H. Gage be and is hereby authorized to appoint an ad hoc committee of the Board to meet with an ad hoc committee of Senate to consider procedures for the establishment of future advisory committees for the selection of deans; these procedures to be available by April 1, 1975."
Business arising from the Minutes

Advisory Committee for the selection of Deans (continued)

In order to save time the Agenda Committee had requested the Nominating Committee to submit recommendations for membership of the Senate ad hoc Committee. The Nominating Committee recommended the following membership:

Dr. C. B. Bourne
Dr. C. V. Finnegan
Miss A. J. Francis
Acting Dean R. M. Will

That the recommendations of the Dean Volkoff Nominating Committee be approved.

Carried

Examination Schedules (P.6246)

The following statement concerning examination schedules had been circulated for information:

"There was discussion at the meeting of Senate held November 13, 1974 (Minutes, P.6246) of the desirability of adjusting the examination timetable to avoid multiple exams on the same day for as many students as possible. The use of a computer to equalize spacings was suggested.

Steps have been taken by the Systems Services Office and the Computing Centre to experiment with improved methods before the examinations of April, 1975. One or more algorithms will be tried on the December, 1974 data, and the results presented to the Registrar's Office for a decision on their merits.

These attempts are unlikely to be greeted with universal acclaim. For one thing, the greater the success in equal spacing of examinations, the more students will find their last exam in the final day or two of the exam period preventing an early departure for vacation employment or travel. Also, there is a conflict with the need to schedule large classes fairly early to give faculty..."
Examination Schedules (continued)

members reasonable opportunities for marking before the Registrar's deadlines. Further, there are special problems with exams that require special facilities, or for which a faculty member has requested avoidance of certain dates.

In short, the criteria for optimizing the timetable have not been fully specified by the University."

From the Board of Governors

Student representation on the Advisory Committee for the selection of a Dean of Arts

The following resolution was passed by the Board of Governors at its meeting of December 3, 1974:-

"That, subject to approval by Senate, the Board of Governors accepts the request conveyed in a letter from the Acting President of the Arts Undergraduate Society, that the two student representatives on the Advisory Committee for the Selection of a Dean of Arts, be nominated from and elected by the registered students in the Faculty of Arts and graduate students associated with the Faculty of Arts, the nominations and elections to be conducted by the Arts Undergraduate Society in accordance with procedures considered satisfactory by the Registrar."

Dr. Cavers  )  That the resolution of the Board of
Dean Gardner )  Governors be approved.

Carried

Notification of approval in principle of Senate recommendations - subject, where applicable, to the proviso that none of the programs be implemented without formal reference to the President and the formal agreement of the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs.
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From the Board of Governors

Notification of approval in principle of Senate recommendations (continued)

(i) New courses and course changes in Botany, Biology, Biochemistry and Forestry, recommended by the Faculty of Graduate Studies. (P.6252)

(ii) Revision in the Calendar statement for requirements for the LL.B. degree recommended by the Faculty of Law. (P.6237-8)

(iii) Deletion of the Combined Honours B.Sc./M.D. or D.M.D. Program in Physiology, recommended by the Faculty of Medicine. (P.6238)

Committee on Prizes, Scholarships and Bursaries

Dean Riedel     ) That the new awards listed in
Dean Cowan      ) Appendix 'A' be accepted subject

   to the approval of the Board of Governors, and that letters of
   thanks be sent to the donors.

Carried

Reports of Committees of Senate

Curriculum Committee

Dr. Hardwick presented the report on proposals referred to the committee.

Faculty of Agricultural Sciences (See Appendix 'B')

Dr. Hardwick     ) That new courses and course
Dean Shaw        ) changes recommended by the
                 Faculty of Agricultural Sciences
                 be approved.

Attention was drawn to the fact that Plant Science 324 and 325 were comparable to Botany 330, and that Plant Science 331
Wednesday, December 18, 1974.

Reports of Committees of Senate

Curriculum Committee

Faculty of Agricultural Sciences (continued)

was comparable to Zoology 311. Dean Shaw agreed to a suggestion that the descriptions of these courses include a sentence stating that credit would be granted for only one of these courses and not for both.

The motion was put and carried.

Dr. Hardwick  )  That the calendar changes recommended
Dean Shaw     )  by the Faculty of Agricultural Sciences
                      be approved.

It was pointed out that in the courses listed under Animal Science Physics 105 should read Physics 145.

The motion was put and carried.

School of Architecture (See Appendix 'B')

Dr. Hardwick  )  That the course changes recommended
Mr. Osborne   )  by the School of Architecture be approved.

Carried

Faculty of Education (See Appendix 'B')

Dr. Hardwick  )  That new courses, course and curriculum
Dean Andrews  )  changes recommended by the Faculty of
                      Education be approved.

Senate concurred with the recommendation of the committee that approval of the revision in the unit value of Education 437 be withheld pending clarification.
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Reports of Committees of Senate

Curriculum Committee

Faculty of Education (continued)

The motion was put and carried

Faculty of Forestry (See Appendix 'B')

Dr. Hardwick  
Dean Gardner  
That new courses and course changes recommended by the Faculty of Forestry be approved.

Carried

Faculty of Graduate Studies (See Appendix 'B')

Dr. Hardwick  
Dean Cowan  
That new courses in Physiology recommended by the Faculty of Graduate Studies be approved.

Carried

Faculty of Medicine

The following outline of proposed curriculum changes for implementation in the 1975-76 Academic Year was submitted by the Faculty of Medicine:

First Year

1. To allow for earlier introduction of clinical material a start of Pathology and Microbiology in second phase of second term of First Year, Pathology to conclude at the end of the first term of Second Year.

2. To allow for the earlier introduction of Pathology and Microbiology, Anatomy and Biochemistry to conclude at the end of the first phase of second term of First Year. The final examinations in Anatomy and Biochemistry will be at that time.
Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine

First Year (continued)

3. To accomplish this it is necessary to lengthen the second term of First Year by three weeks, and divide it into two phases of nine weeks each.

4. Physiology will continue to be taught throughout First Year.

5. Though the Committee recommends that Biochemistry 410 be a prerequisite and be replaced by an appropriate Biochemistry course for medical and dental students, it feels it would be inappropriate to implement this proposal at a time when a head of Biochemistry has not been appointed. They propose that Biochemistry 410 continue for a further year, and 411 and 412 continue to be offered as electives.

6. Behavioural Sciences. The proposals allow the introduction of such a course within the first term of First Year, but are not dependent upon this. Firm proposals are not yet able to be brought to Faculty.

Second Year

1. The present formal pre-medical Second Year teaching will be concluded by the end of first term.

2. The second term will now consist largely of clinical work (bedside clinics, wardwork and clinical (systems) lectures) and will continue into the two terms of Third Year.

3. The clinical aspects of Pharmacology (e.g. Therapeutics) and Microbiology will be allotted time within the clinical (systems) lectures as appropriate.

Third Year

1. Present format will continue in first term.
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Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine

Third Year (continued)

2. In the second term, three afternoons a week will be set aside for electives in basic science areas. On the other two afternoons wardwork will include attendance at specialty clinics, e.g. V.D., Radiotherapy, Arthritis, T.B., Rehabilitation.

Fourth Year

Clinical Clerkship should be 52 weeks.

Independent Study

To encourage habits of self education, up to one third of the time is made available for independent study and electives. The arrangement for this time varies, in each year, being formally identified in First and Second Year, but in Third Year one afternoon per week is unscheduled and in addition, wardwork usually does not occupy all the scheduled time.

It is recommended that formal teaching on Saturdays be abandoned.

Feasibility of Proposals

The proposals have been examined by the subcommittees for First and Second Years, and sample timetables have been prepared and approved. In Third Year the proposals have been approved in principle, but the detailed scheduling of lectures and clinics will be considered by the Third Year Committee. The arrangements for the basic science electives will require consideration by representatives of the basic science departments.

The Clinical Clerk Subcommittee will examine proposals for the allocation of time within the Clerkship.

Co-ordination with Faculty of Dentistry

The proposals have been examined by the Faculty of Dentistry and are acceptable.
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Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine (continued)

Co-ordination with other U.B.C. Timetables

Wherever possible, the existing timetabling has been retained to avoid difficult re-scheduling.

Dr. Hardwick  )  That the revised curriculum of the
Dr. Johnstone )  Faculty of Medicine be approved in

principle. Specific Senate approval

will be required for implementation of:

a)  Behavioural Science course (First Year)
b)  Biochemistry course (First Year)
c)  Basic Science electives (Third Year)
d)  Specialty Clinics and courses
   (Third Year)

In reply to a request for information on the proposed Behavioural

Science course Dean Bates stated that the course, which would be
called "Social Issues in Medicine", had been approved by the Faculty
of Medicine curriculum committee and would be submitted to Senate in
due course. The course would deal mostly with obvious social issues
as they inter-relate to the work of the medical graduate including
problems of the aging population and their care.

Dr. Hardwick read to Senate a letter received from Dr. Friedman

which stated that when the proposed changes for First Year Medicine
were passed by Faculty it was agreed that these were contingent on the
preparation of an acceptable syllabus for the course in Behavioural
Wednesday, December 18, 1974.

Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine (continued)

Science that could be passed by both the Faculty of Medicine and Senate in the normal manner; since no such syllabus had been presented the Department of Anatomy was not prepared to modify Anatomy 400 and 401 and abbreviate its own highly integrated courses in favour of an unknown course.

Dr. Johnstone, chairman of the Faculty of Medicine curriculum committee, commented that the letter was in error in that this was not what the Faculty of Medicine had agreed to.

In reply to a query as to when the course would be submitted for Senate approval Dean Bates stated that the Faculty committee was awaiting assurance of a time slot for this course.

Following a brief discussion the motion was put and carried.

Dr. Hardwick  )  That a new course, Anatomy 405 (3)
Dr. Webber  )  Physiology and Biophysics of Animal Cells, recommended by the Faculty of Medicine, be approved.

Carried

Pharmaceutical Sciences (See Appendix 'B')

Dr. Hardwick  )  That a new course and course change recommended by the Faculty of Pharmaceutical Sciences be approved.
Dean Riedel  )

Carried
Reports of Committees of Senate

Curriculum Committee (continued)

Physical Education and Recreation (See Appendix 'B')

Dr. Hardwick) That a new course and course changes recommended by the School of Physical Education and Recreation be approved.

Carried

School of Rehabilitation Medicine (See Appendix 'B')

Dr. Hardwick) That the course and calendar changes recommended by the School of Rehabilitation Medicine be approved.

Carried

Faculty of Science (See Appendix 'B')

Dr. Hardwick) That new courses and course changes recommended by the Faculty of Science be approved.

Carried

Modified descriptions for Zoology 417, 314 and 407 recommended by the committee were approved.

Dr. Hardwick) That program changes recommended by the Faculty of Science be approved.

Carried

Nominating Committee

Dr. Bourne presented the report. At its meeting of November 13, 1974 Senate agreed that a committee be established to investigate the operation of the Bookstore and report back to Senate.
Reports of Committees of Senate

Nominating Committee (continued)

The following membership had been recommended by the committee:

Dr. W. D. Kitts
Mr. A. Milton Moore
Mr. G. J. Peet
Mrs. L. Sayle
Mr. B. Stuart-Stubbs

Dr. Bourne ) That the recommendations of the
Dr. McGregor ) Nominating Committee be approved.

Carried

Ad hoc Committee on Teaching Evaluation

The final report of the committee was presented by Dr. Daniells. The report outlined the various methods employed by Faculties and Schools to evaluate teaching. The committee concluded that there was no need to alert Faculties and Schools to their responsibilities in the matter of teaching evaluation, nor was there any possibility of imposing upon them a common method of tackling the problem. What was required was some means of interchanging the experience and opinion of the various Faculties and Schools and the provision of a forum where instruction and discussion may be available to staff members who would find them useful.

The recommendations contained in the report were:

1. That the President's office establish a permanent committee to include the representatives of Faculties specially charged with the responsibility of evaluating teaching.
Reports of Committees of Senate

Ad hoc Committee on Teaching Evaluation (continued)

2. That the committee set up a series of short courses, staffed by volunteers from the Faculty at large approved by the committee, to be offered one or more each academic year, according to demand.

Dr. Daniells ) That the report be accepted.

Dr. Bongie )

Carried

On behalf of Senate the Chairman paid tribute to Dr. Daniells who was attending his last Senate meeting and would be retiring from the University at the end of the month.

Dr. Clark read to Senate the following tribute to Dr. Daniells on the occasion of his last meeting as a member of the University Senate:

O shades of Dante and of Milton bright!
Come to my aid as I do sing this night
Of your descendant, Daniells, poet of light.

Master of image, metaphor in verse,
Of gentle wit, evocative and terse.
To wield with patient skill how well he knows
The stainless steel of perfect English prose.

Oft has he pondered in his mortal span
The many ways God reaches out to man
With steadfast love to set our hearts aflame,
Free to respond to God who knows us each by name.

To instil love of learning Daniells has zest
To encourage the good to strive for the best.
Such teaching, he tells us, does not come by birth,
But by a commitment, a task of high worth.

And he, when lengthy our verbose debate,
Reminds himself of Milton's thought sedate:
They also serve who only stand and wait.
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Reports of Committees of Senate (continued)

Committee on Implementation of the Universities Act

Senate Membership - Joint Faculty Representatives

Dean McClean presented the report. The recommendations of the committee were:

1. That the President be asked to call a Joint Meeting of the Faculties for Thursday, February 6, 1975 at 12.30 p.m.

2. That the purpose of the meeting be to determine the manner in which the 10 joint faculty representatives to Senate are to be elected. (As required under the Universities Act section 35 (g).)

3. That to expedite the business of this meeting the faculty members be asked to make any submissions concerning procedures by giving written notice of motion not later than January 23, 1975.

Dean McClean  )  That the recommendations of the committee be approved.
Dr. Ross

It was agreed that the date of the meeting be changed to February 13, 1975. (N.B. The date was later changed back to February 6, 1975 but the time of the meeting was changed to 4.30 p.m.)

The motion was put and carried.

Representatives from the individual Faculties

Dean McClean  )  That the individual Faculties make their own decisions on the procedures and timing of the election of their two representatives to serve on Senate on the understanding that all elections be completed by March 31, 1975.
Dr. Kennedy

[...]

[...]
Wednesday, December 18, 1974.

Reports of Committees of Senate

Committee on Implementation of the Universities Act

Representatives from the individual Faculties (continued)

The Chairman confirmed that the elections could be held at
Faculty meetings subject to the terms of the Universities Act.

The motion was put and carried.

Publication of election results

Dean McClean  )  That Senate accept as policy the full
Dr. Ross       )  disclosure of election results by
               )  publication of numbers of votes cast
               )  for the various candidates, except
               )  that for elections already under way
               )  or completed such disclosure be subject
               )  to the approval of all candidates in each
               )  election.

Lost

Academic Year 1975-76

Proposals for the Academic Year 1975-76 were circulated for information
with the exception of one item concerning the last day for changes in courses
in the First Term.

At its meeting of February 24, 1971, Senate approved a recommendation
of an ad hoc committee that students be permitted the first three weeks of
term for changing most courses. This represented an extension of a week
over the customary period. However, Faculty criticism had been so
persistent it was felt that Senate should consider making the last day for
Changes Friday of the second week of lectures. There would continue to
be provision for changes later than this date with the approval of the Faculty
and instructor concerned.

Dean Cowan
Dr. McGregor

\textit{That the last day for changes
in courses in the First Term be
Friday of the second week of
lectures.}

Following a brief discussion the motion was put and carried.

\textbf{Faculty of Arts} (See Appendix 'C')

A list of courses to be offered in Intersession 1975 was circulated for
information.

\textbf{Faculty of Education} (See Appendix 'C')

A list of courses to be offered January-April 1975, May-July 1975 and
Summer 1976 was circulated for information.

\textbf{Faculty of Graduate Studies} (See Appendix 'C')

A list of Intersession evening credit course proposals was circulated
for information.

\textbf{Notice of motion re term of office of Deans}

The following notice of motion, for discussion at the January 22, 1975
meeting of Senate, had been received from Dr. Epstein:
Notice of motion re term of office of Deans (continued)

"That the terms of reference of the joint Senate-Board Committee on the Selection of Deans include the question of the term of office of Deans."

Other Business

1. Mr. Funt gave notice of the following motion:

"That Senate accept as policy the full disclosure of student election results by publication of numbers of votes cast for the various candidates."

2. A query was raised by Mr. Funt concerning the architectural plans and siting of the new library data processing centre. The Chairman suggested that Mr. Funt confer with him on this matter.

3. Concern was expressed regarding books on sale in the Bookstore which students had paid full price for in September but would not be using until the second term. It was suggested that the matter be referred to the Ad hoc Committee on the Bookstore.

4. Concern was also expressed that in some cases examination papers had been distributed 15 minutes late and students had therefore lost 15 minutes of the time allowed for examinations.

5. The following notice of motion was given by Dr. Cavers:


Other Business

5. (continued)

"That Senate establish the following regulations for the University:

Take home examinations shall not contribute in total more than 20% of the final mark in any course."

6. Mr. Thom gave notice of the following motion:

"WHEREAS

Effective alumni involvement in the University's academic governing body has been a tradition which has added a knowledge from the community into the academic decision making at U.B.C. and has helped to create a strong Alumni Association through giving the graduates a voice in the University affairs through a franchise which has created a strong graduate tie with the University which should not be weakened and,

WHEREAS

Convocation Senators with the knowledge gained in participation have served the university both during and long after their term as Senators by interpreting the University to the community and,

WHEREAS

The number of Convocation Senators has been reduced from 15 to 4 under the new Universities Act and,

WHEREAS

Much of the work of the University Senate is conducted "in committee" and the limit of 4 Convocation Senators precludes participation in this important function,

BE IT RESOLVED THAT:

This Senate increase by 11, the number of Senators to be elected by Convocation through Section 35 (2) (1)."
Other Business (continued)

7. Mr. Osborne gave notice of the following motion: -

"That Senate establish a committee to consider specific study of
the examination policies and practices generally with emphasis
on Christmas examinations."

8. The Chairman paid tribute to Mrs. Field and to Mr. Trevino for their
services as Senate representatives on the Board of Governors.

Tributes Committee

Senate concurred with the recommendation of the committee that
Mrs. A. G. Birkett be granted the status of Professor Emerita of Education.

Dr. McGregor informed Senate that the following persons had accepted
invitations to receive honorary degrees at the 1975 Congregation: -

William M. Armstrong
Carl E. Borden
Roy Daniells
John F. McCreary
Nathan T. Nemetz

The meeting adjourned at 9.45 p.m.

The next regular meeting of Senate will be held on Wednesday,
January 22, 1975.

Confired,

Secretary

Chairman
APPENDIX 'A'

New Awards Recommended to Senate

The Joseph Gibbs Memorial Bursary - A bursary of $100 has been made available by Mr. and Mrs. Alfred Groberman in memory of Joseph Gibbs who was associated with the firm of Adams Pharmaceutical Ltd. The award will be made to a needy student in the Faculty of Pharmaceutical Sciences.

The Robert Lee Scholarship - A scholarship of $200, gift of Mr. Robert Lee, a graduate of the Faculty of Commerce and Business Administration, U.B.C., is offered annually to students in Commerce and Business Administration who are taking the Urban Land Economics option, have high academic standards, and are deserving of assistance to further their education. The award will be made on the recommendation of the Faculty.
### Course and Curriculum Proposals

A = new courses or substantial changes  
B = minor changes

### FACULTY OF AGRICULTURAL SCIENCES

#### Agricultural Sciences

- **B Change**  
  Plant Science 439 now Agricultural Sciences 400  
  (change in number, title and description)

#### Animal Science

- **A New course**  
  321 (1½) Analytical Methods in Animal Nutrition

- **A Change**  
  422 - change in title, description and hours

- **B Changes**  
  258 - change in description and hours  
  323 - change in prerequisite (now Animal Science 321 (or equivalent) and 322.)  
  425 - change in units (now 3 units)

#### Food Science

- **A New course**  
  258 (1½) Exploring Man's Food

- **B Changes**  
  416 - change in title and description  
  425 - change in units (now 3 units)

#### Plant Science

- **A New course**  
  414 (1½) Landscape Plant Production Systems

- **A Change**  
  416 - change in number, title and description, now:-  
  415 (1½) Design in Landscape I

- **A New course**  
  416 (1½) Design in Landscape II

- **B Changes**  
  324 and 325 - change in title and description  
  331 - change in description  
  425 - change in description and units (now 3 units)  
  436 - change in description  
  438 - change in number and description  
  439 - change in number, title, description and hours
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science (continued)
A Deletion 424

Poultry Science
A New courses 321 (1½) Analytical Methods in Animal Nutrition
422 (3) Nutritional Principles of Livestock and Poultry Feeding

A Change 410 - change in title, description and hours
B Changes 258 - change in description and hours
323 - change in prerequisite

Soil Science
B Changes 200 - addition to description
413 and 416 - change in prerequisite, remove Soil Science 200
425 - change in units (now 3 units)

SCHOOL OF ARCHITECTURE

B Changes Architecture 408 - change in number and title, now:
407 (1½) User Evaluation of Architecture

Architecture 407 - change in number, now:
408 (1½) Social Aspects of Architectural Space

FACULTY OF EDUCATION

Secondary Division
A New course Education 491 (3) Computers in Secondary Education
A Change Canadian Studies Concentration
First and Second Years to read:
(a) 6 units of course work significantly Canadian in content or approach.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

A Change  Canadian Studies Concentration

First and Second Years to read (continued)
(b) 6 units of first or second year course work in
ANTH, ASIA, CLST, ECON, HIST, HIST FINA,
HIST MUSC, PHIL, POLI, SLAV, SOCI or URST.

Note: Students combining this concentration with a
Social Studies Concentration may apply no more
than 3 units of course work for credit in both
concentrations.

B Changes

Social Studies Concentration (emphasis on Social
Sciences) to read:
Recommended this Concentration be combined with
History or Geography emphasis. (Where this is done,
no more than 3 units of course work for credit in both
concentrations may apply).

Industrial Education - Addition of phrase "Organization
for instruction" to the course description of each of
the following: EDUC 230, 252, 350, 351, 354, 357,
359, 360, 450, 451, 452, 453, 457, 463, 467.

Mathematics Education - Add: EDUC 491 to:
List of available electives for the One-year Program
for Graduates.
List of electives for Fifth Year regular program
(Secondary).

Art Education, Major
Add: Fifth Year:
Professional year, no Art Education studio courses
may be taken this year. Studio courses continued
during practice teaching.

Librarianship Concentration - now to read:
Third and Fourth Years: 12 units consisting of:
(a) EDUC 381, 383, 385, 387
(b) 3-4 units selected from EDUC 384, 386, 388
(c) 12-3 units selected from EDUC 414, 472, 494,
495, 496.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

B Changes (continued)

Admission - Section 3.
Delete asterisk against library

Academic Concentrations, Majors and Honours for Secondary Teachers
Delete asterisk against: Library and Earth and Space Science

Biological Sciences, Concentration and Major
Second, Third and Fourth Years
(a) Delete: BOTA 305, MICB 201, ZOOL 305 and 301
    Add:  BOTA 301 and ZOOL 205
(b) Delete: ZOOL 204
    Add:  ZOOL 304
(c) Delete: ZOOL 401
    Add:  ZOOL 403, 412.

Earth and Space Sciences Concentration
Group A to read: At least 3 units from ASTR 200, 420 or GEOP 210
Group B: Insert GEOL 327
Group C: Insert GEOP 210

Add to present penultimate paragraph after ASTR 200: "or GEOP 210"

Add as new last paragraph: "Only one of the English at the 200 level or 303 is required."

Earth and Space Sciences Major
Add GEOP 210 to list

Chemistry, Concentration and Major
Add "or 335 (3)" after 320 (1) in both Senior Years (Concentration) and Second, Third and Fourth Years (Major)

Mathematics Concentration to read:
Senior Years MATH 310, 311 and at least 3 more units of Mathematics to be selected from MATH 205, 301, 305, 312, 318, 322, 445 ....

Mathematics Major to read:
First and Second Years MATH 100, 120, 121, 200, 205, 221, 222 and CPSC 210
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

B Changes  
Mathematics Major to read: (continued)  
Senior Years Mathematics 310, 311 and at least  
7 more units of Mathematics to be selected from  
MATH 301, 305, 312, 318, 322, 445  

EDUC 332 - change in hours to (3-0; 3-0)  
389 - change in course description  
432 - change in title and hours; will now read:  
   432 (3) Psychology of Adolescence

Elementary Division

A Changes  
EDUC 473 - change in number and title; now reads:  
   EDUC 305 (3) Curriculum and Instruction  
   in Developmental Reading in the Elementary School  

437 - change in description, units and hours;  
now reads:  
   EDUC 437 (1½ or 3) Teaching Maladjusted  
   Children  

B Change  
416 - addition of (1) laboratory hour

A Changes  
Section A  
The Four-Year Program  
Second Year to read:  
Second Year (1975-76 only)  
English at the 200-level  
Prerequisite or elective  
Academic Electives (ENG 303 strongly recommended)  
EDUC 297 and 305  

A question arose re the offering of 305 ahead of  
310 and it was agreed that Child Development and  
Development in Reading should be offered in the  
same year and an attempt would be made to arrange  
this.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Elementary Division

A Changes

Third and Fourth Year

Program changed to make it possible for Third Year students to include EDUC 305 and in-term blocks of student teaching.

B Changes

Fourth Year, regular

Change in wording for clarification.

Transferring to Third Year

English 303 has been deleted as a compulsory course so that EDUC 305 can be included. Other minor changes made for clarification.

Section C

Program for Candidates Holding a Teaching Certificate

Delete: Honours Program for B.Ed. (Elem.) Degree

Art Education Concentration and Major

Professional year imposes necessity to change course sequences.

Mathematics Education Concentration to read as follows:

MATH 100, 121, EDUC 372, 373, 488, 485 and 3 units of electives to be chosen from MATH 120, 130, 140, 205, 221 and 222.

Mathematics Education Major

Third and Fourth Years to read as follows:

EDUC 372, 373, 488, 485; MATH 120, 310, 311 and 6 units of electives to be chosen from MATH 140, 205, 312, 318, CPSC 210

Music Education Concentration

Third and Fourth Years - change to:

... 3 units from MUED 104 ...

Science Education Major

Third and Fourth Years - change to read as follows:

EDUC 380, 409, 3 units chosen from one of the sciences named above and not previously taken or GSED 309; 9 units of elective science courses approved by the Science Education Department. (GEOP 310 is recommended).
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF FORESTRY

A New courses
- FRST 373 (2) Principles of the Design of Forestry Structures and Mechanisms
- FRST 426 (3) Forest Rangeland Management
- FRST 443 (1½) Remote Sensing in Forestry
- FRST 494 (1) Forest Landscape Analysis and Design

B Changes
- FRST 270, 273 - change in description
- FRST 302 - change in lab hours
- FRST 351 - change in title and description
- FRST 395 - change in description
- FRST 430 - change in units and hours
- FRST 442 - change in description, title and hours
- FRST 463 - add prerequisite (FRST 373)
- FRST 481, 482 - addition to description
- FRST 491 - change in title and description
- FRST 492 - change in description and hours

A Deletion
- FRST 473

FACULTY OF GRADUATE STUDIES

A New courses
- Physiology 521 (1½) Advanced Topics in Renal Physiology
- Physiology 522 (1½) Advanced Topics in Cardiovascular Physiology
- Physiology 523 (1½) Advanced Topics in Gastrointestinal Physiology
- Physiology 524 (1½) Advanced Topics in Endocrinology
- Physiology 526 (1½) Advanced Topics in Neurophysiology
- Physiology 527 (1½) Advanced Topics in Respiratory Physiology

FACULTY OF PHARMACEUTICAL SCIENCES

A New course
- PHAR 441 (1½) Advanced Laboratory in Pharmacology

B Change
- Under heading "Promotion Requirements", Calendar pages 265/266; after Item 4, page 266 insert new Item 5 as follows: (subsequent numbering to be changed accordingly)
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF PHARMACEUTICAL SCIENCES

B Change (continued)

5. A student who fails to reach a pass standing in the Dispensing section of Pharmaceutics 310, will receive a standing of 'T' for the course. Provided other promotion requirements are satisfied, the student will be permitted to register in the Fourth year but will be required to repeat the Dispensing section of 310 and take all necessary tests and examinations both theoretical and practical pertaining thereto. On the satisfactory completion of the Dispensing section of 310, a grade will be assigned for the entire Pharmaceutics 310 course at the end of the Fourth year. In the event of failure to reach a satisfactory standard by the end of the Fourth year, the degree will not be awarded until evidence is produced that a satisfactory standard has been attained.

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

A New course

Physical Education 423 (1) Wrestling Coaching

A Changes

The Bachelor of Physical Education Degree Program

Option A

Fourth Year

Present calendar entry: "Electives:
  Physical Education Theory....3-6
  Physical Education 462........ 1½"

Proposed calendar entry: "Electives:
  Physical Education Theory....4½-7½"

Physical Education Activity

Required courses for all students on Option A and Option B

Present calendar entry: "One Course from Area II (Dance)"

Proposed calendar entry: "Physical Education 240 or 241 (see Note 1)"
APPENDIX ‘B’

Course and Curriculum Proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

A Changes

Physical Education Activity (continued)

Physical Education 240 (1) Dance
Physical Education 241 (1) Contemporary Dance

Note 1: It is strongly recommended that Women students complete 2 units of Dance, one of these being P.E. 241.

SCHOOL OF REHABILITATION MEDICINE

A Changes

Revisions in numbering of Clinical Training and Practice courses:

211 (1½) O.T. Clinical Practice I
212 (1½) P.T. Clinical Practice I
309 (1) O.T. Clinical Practice II
310 (1) P.T. Clinical Practice II
311 (2) O.T. Clinical Practice III
312 (2) P.T. Clinical Practice III
409 (3) O.T. Clinical Practice IV
410 (3) P.T. Clinical Practice IV

Old 409 - change in number, now 408
Delete - 308 and old 408

Note:
On satisfactory completion of the B.S.R. a student must complete a senior clinical internship of sixteen weeks in order to qualify for membership in the Canadian Occupational Therapy Association and the Canadian Physiotherapy Association. Eight of these are spent in occupational therapy departments and eight in physiotherapy departments.

FACULTY OF SCIENCE

Biology

A New courses

MRNE 401 (3) Special Topics in Marine Biology
MRNE 402 (1½) Special Topics in Marine Biology
MRNE 435 (3) Introduction to Biological Oceanography
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Biology (continued)

B Changes

Addition of explanatory note under heading "Marine Science"
BIOL 313 - change in title and description; now reads:
BIOL 313 (1 1/2) Microbes and Man

A Change

BIOL 405 - change in term and description, added prerequisites

Botany

A Change

BOTA 440 - deleted and replaced by:
BOTA 441 (1 1/2) Paleobotany
BOTA 442 (1 1/2) Palynology

B Change

BOTA 330 - change in description only

Chemistry

A Change

CHEM 303 - change in title and description; now reads:
CHEM 303 (2) Intermediate Organic Chemistry

B Change

330 - change in description only

A Change

403 - change in description only

B Change

411 - change in prerequisite only

Computer Science

B Change

CPSC 402 - change in prerequisite

Geography

B Changes

GEOG 313 and 414 - change in description

Geological Sciences

A Changes

GEOL 410 - change in number and description; now reads:
GEOL 435 (1 1/2) Field Geology
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Geological Sciences (continued)

B Changes

GEOL 300 - change in prerequisites to read:
GEOL 105, 107 or 150

GEOL 312 - change in prerequisites to read:
GEOL 105, 107 or 150

GEOL 415 - change in prerequisites to read: GEOL
314 or permission of the Head of the
Department

GEOL 314 - change in term offered

GEOL 320 - change in hours

GEOL 342 - clarification of calendar description
re hours

GEOL 404 - change in title; now reads:
GEOL 404 (1½) Structural Geology II

Geophysics and Astronomy

A Deletions

GEOP 301 (3) Waves and Seismology

GEOP 302 (3) General Geophysics

GEOP 402 (1) Applied Geophysics Laboratory

GEOP 403 (1) Geochronology

GEOP 415 (3) Geophysical Analysis

A New courses

GEOP 220 (1½) General Geophysics

GEOP 320 (1½) Introduction to Theoretical Geophysics

GEOP 321 (1½) Seismology

GEOP 322 (1½) Time Series Analysis in Geophysics

GEOP 420 (1½) Potential Methods

GEOP 421 (1½) Applied Geophysical Laboratory

GEOP 422 (1½) Geophysical Instrumentation

GEOP 423 (1½) Geochronology and Isotope Geophysics

GEOP 425 (1½) Geophysics Seminar

A Changes

GEOP 449 (2) - reduction in unit value to 1½

GEOP 412 - change in number, unit value and hours;
now reads:
GEOP 424 (1½) Geomagnetism and
Space Plasma Physics
Hours (3-0; 0-0)
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Geophysics and Astronomy (continued)

B Changes

GEOP 201 - change in number; now reads:
GEOP 221 (3) Physics of the Earth

ASTR 200 - change in description only

Microbiology

A Changes

MICB 409 - addition of BIOC 410 as prerequisite;
change in hours to (0-0; 3-0)

MICB 448 - addition of MICB 321 as prerequisite

MICB 449 - addition of MICB 321 as prerequisite

MICB 321 - enrolment restricted to Majors and
Honours students in Microbiology

B Change

MICB 403 - MICB 302 prerequisite removed

Physics

B Changes

PHYS 110 - change in hours to (3-2-1; 3-2-1)

PHYS 300 - change in description and hours
(2-0-1*) (2-0-1*)

PHYS 312 - change in description only

PHYS 319 - change in description only

- change in number for the following:

105 to 145
130 to 140
210 to 216
220 to 206
300 to 311
310 to 307
318 to 317
328 to 318
330 to 340
400 to 412
430 to 440
441 to 421

Zoology

A Deletions

ZOOL 301 and ) these courses will not be given
ZOOL 418 ) after 1974/1975

A Changes

ZOOL 414 - change in description, units and hours;
now reads:

ZOOL 414 (3) Marine Invertebrate Zoology

Hours (2-3; 2-3)
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Zoology

A Changes (continued)

ZOOL 417 - to be offered as 1½ unit course in Second Term only

A New course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZOOL 314</td>
<td>Molecular Developmental Biology</td>
</tr>
<tr>
<td>ZOOL 407</td>
<td>Cell Differentiation</td>
</tr>
<tr>
<td>ZOOL 427</td>
<td>Molecular and Theoretical Aspects of Morphogenesis</td>
</tr>
</tbody>
</table>

B Changes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZOOL 304</td>
<td>addition of BIOL 200 and 201 as prerequisites with BIOC 410 highly recommended as concurrent</td>
</tr>
<tr>
<td>ZOOL 404</td>
<td>change in course description only</td>
</tr>
<tr>
<td>ZOOL 406</td>
<td>change in course description only</td>
</tr>
</tbody>
</table>
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF ARTS - Intersession 1975

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 201</td>
<td>Ethnic Relations</td>
</tr>
<tr>
<td>ANTH 414</td>
<td>Economic Anthropology</td>
</tr>
<tr>
<td>ASIA 435</td>
<td>Modern Japanese Novels in Translation</td>
</tr>
<tr>
<td>ECON 100</td>
<td>Principles of Economics</td>
</tr>
<tr>
<td>ECON 490</td>
<td>Applied Economics</td>
</tr>
<tr>
<td>ENGL 100</td>
<td>Literature and Composition</td>
</tr>
<tr>
<td>ENGL 201</td>
<td>A Survey of English Literature from Chaucer to 1914</td>
</tr>
<tr>
<td>ENGL 204</td>
<td>Short Fiction</td>
</tr>
<tr>
<td>ENGL 301</td>
<td>Practical Writing</td>
</tr>
<tr>
<td>ENGL 302</td>
<td>Advanced Practical Writing</td>
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<td>ENGL 303</td>
<td>English Composition</td>
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<tr>
<td>ENGL 308</td>
<td>History of the English Language</td>
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<tr>
<td>ENGL 321</td>
<td>Approaches to Poetry</td>
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<tr>
<td>ENGL 365</td>
<td>Shakespeare</td>
</tr>
<tr>
<td>ENGL 440</td>
<td>Canadian Literature</td>
</tr>
<tr>
<td>ENGL 452D</td>
<td>Studies in American Literature: The American Renaissance</td>
</tr>
<tr>
<td>FINA 125</td>
<td>History of Western Art</td>
</tr>
<tr>
<td>FINA 181</td>
<td>Studio 1</td>
</tr>
<tr>
<td>FINA 339</td>
<td>19th and 20th Century Art</td>
</tr>
<tr>
<td>FINA 397</td>
<td>Directed Study Abroad - Section 1 - London</td>
</tr>
<tr>
<td></td>
<td>Section 2 - Florence</td>
</tr>
<tr>
<td>FREN 402</td>
<td>Advanced Studies in French Language and Style</td>
</tr>
<tr>
<td>FREN 418</td>
<td>Literatures of the French-Speaking World</td>
</tr>
<tr>
<td>GEOG 351</td>
<td>Geography of Urbanization (Tentative)</td>
</tr>
<tr>
<td>GERM 430</td>
<td>German for Reading Knowledge</td>
</tr>
<tr>
<td>HIST 413</td>
<td>The Reformation</td>
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<tr>
<td>HIST 423</td>
<td>Economic History of Modern Japan</td>
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<tr>
<td>HIST 438</td>
<td>History of the Soviet Union</td>
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</tbody>
</table>


**APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

**FACULTY OF ARTS - Intersession 1975** (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ITAL 100</td>
<td>First Year Italian</td>
</tr>
<tr>
<td>LING 445</td>
<td>Socio-Linguistics</td>
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<tr>
<td>PHIL 100/410</td>
<td>Introduction to Philosophy/Philosophical Problems</td>
</tr>
<tr>
<td>PHIL 250/350</td>
<td>Epistemology &amp; Metaphysics</td>
</tr>
<tr>
<td>PHIL 301</td>
<td>Ethics</td>
</tr>
<tr>
<td>PHIL 317</td>
<td>Philosophy of Religion</td>
</tr>
<tr>
<td>POLI 204</td>
<td>International Politics</td>
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<tr>
<td>POLI 300</td>
<td>Development of Political Theory: Basic Concepts &amp; Issues</td>
</tr>
<tr>
<td>PSYC 200</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>PSYC 309</td>
<td>Cognitive Processes</td>
</tr>
<tr>
<td>PSYC 316</td>
<td>Methods of Research</td>
</tr>
<tr>
<td>RELG 341</td>
<td>Islamic Art and Architecture</td>
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<tr>
<td>SOCI 220</td>
<td>Sociology of Life-Styles</td>
</tr>
<tr>
<td>SOCI 270</td>
<td>Introduction to Comparative Social Institutions</td>
</tr>
<tr>
<td>SOCI 361</td>
<td>Social Stratification</td>
</tr>
<tr>
<td>SOCI 365</td>
<td>Socialization</td>
</tr>
<tr>
<td>SOCI 473</td>
<td>Sociology of Mental Illness</td>
</tr>
<tr>
<td>SOCI 475</td>
<td>Social Conflict</td>
</tr>
<tr>
<td>SPAN 100</td>
<td>First Year Spanish</td>
</tr>
<tr>
<td>SPAN 200</td>
<td>Second Year Spanish</td>
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**Credit Correspondence Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 340</td>
<td>The English Novel from Defoe to Hardy</td>
</tr>
<tr>
<td>ENGL 341</td>
<td>The English Novel from Joseph Conrad to the Present</td>
</tr>
<tr>
<td>ENGL 375</td>
<td>Milton</td>
</tr>
<tr>
<td>ENGL 451</td>
<td>A Survey of American Literature since 1860</td>
</tr>
</tbody>
</table>
Courses to be offered through the Centre for Continuing Education

FACULTY OF ARTS - (continued)

Courses being developed under the Provincial Government Grant to the Centre for Continuing Education for Innovative Programs:

ANTH  412  Introduction to Anthropological Problems
ECON  335  Economic History of Canada
FINA  251  History of the Art of the Americas
FREN  400  A Survey of French Literature in Translation
HIST  303  History of the Canadian West
*POLI SC 200/201  Government of Canada/Foreign Governments
*POLI SC 302  Public Administration
*PSYC  100  Introductory Psychology
*PSYC  300  Behaviour Disorders
PSYC  301  Developmental Psychology
PSYC  304  Brain and Behaviour
*PSYC  308  Social Psychology
*SOCL  471  Social Control

*for degree-credit and for credit toward a Centre for Continuing Education Criminology Certificate.

FACULTY OF EDUCATION

January-April 1975

EDUC  382 (1-½)  Services and Programs in Elementary School Libraries  U.B.C.
- replacing EDUC 389 previously announced

EDUC  465 (1-½)  Technical Problem in Industrial Education  Burnaby
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF EDUCATION (continued)

May-July 1975 - Intersession

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 334 (3)</td>
<td>The Role of the Teacher in Richmond Home and Community</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 404 (3)</td>
<td>Curriculum and Instruction in Social Studies</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 430 (3) (tent.)</td>
<td>History of Education</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 439 (1½)</td>
<td>Instructional Television: Principals and Application of non-Studio Techniques</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 470 (3)</td>
<td>Educational Sociology</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 471 (3)</td>
<td>Diagnosis of Remediation in Elementary School Math.</td>
<td>off-campus tba</td>
</tr>
<tr>
<td>EDUC 473 (3)</td>
<td>Developmental Reading in Elementary Grades</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 472/74 (3)</td>
<td>Guiding Reading Growth in Junior &amp; Senior Secondary Schools/Developing Reading Programs for Junior and Senior Secondary Schools</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 478 (3)</td>
<td>Teaching English as a Second Language</td>
<td>U.B.C. or Greater Van.</td>
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<tr>
<td>EDUC 489 (3)</td>
<td>Applied Linguistics for Teachers</td>
<td>U.B.C. or Greater Van.</td>
</tr>
<tr>
<td>EDUC 301/302 (1½/1½)</td>
<td>Introduction to Educational Psychology/Introduction to Educational Evaluation</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 332 (3)</td>
<td>Psychology of Adolescence - Development and Adjustment</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 494 (1½)</td>
<td>Communication Media Programs in Schools - Motion Picture Film and Television</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 495 (1½)</td>
<td>Still Photography in Education</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 496 (1½)</td>
<td>Motion Picture Production in Education</td>
<td>U.B.C.</td>
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</table>
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF EDUCATION

May-July 1975 - Intersession (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Location</th>
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<tbody>
<tr>
<td>ENED 311</td>
<td>Children's Literature</td>
<td>3</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>PHED 364(1-½)</td>
<td>Psychological Foundations of Sport and Physical Activity</td>
<td>U.B.C.</td>
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</table>

Summer 1976

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PHED 360(1-½)</td>
<td>Comparative Physical Education directed study in Canada</td>
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<tr>
<td>PHED 461(1-½)</td>
<td>Physical Education Project</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- to be offered at several Canadian Universities followed by attendance at the 1976 Olympic games in Montreal

FACULTY OF GRADUATE STUDIES

Intersession Evening Credit Course Proposals

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 504</td>
<td>Extension Planning and Evaluation</td>
<td>3</td>
<td>restricted to students on graduate degree programs in Adult Education and Agriculture</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Instructor: Dr. J. Thornton</td>
</tr>
<tr>
<td>EDUC 580</td>
<td>Problem in Education - Information Systems and Knowledge Production and Utilization in Education</td>
<td>1½</td>
<td>enrolment limited to 12 suitably qualified students</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Instructor: Dr. E. Summers</td>
</tr>
</tbody>
</table>
Wednesday, December 18, 1974.

The Fourth regular meeting of the Senate of The University of British Columbia for the Session 1974-75 was held on Wednesday, December 18, 1974 at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Dean J. H. M. Andrews, Dean D. V. Bates, Dr. L. L. Bongie, Dr. C. B. Bourne, Dr. C. A. Brockley, Dr. T. H. Brown, Rev. P. C. Burns, Mr. R. J. Carter, Dr. S. D. Cavers, Dr. R. M. Clark, Dean I. McT. Cowan, Dr. R. Daniells, Dr. C. G. David, Ms. B. C. Errington, Mrs. F. Field, Dr. C. V. Finnegans, The Hon. E. D. Fulton, Dean E. M. Fulton, Mr. G. S. Funt, Dean J. A. F. Gardner, Dr. W. C. Gibson, Dr. D. F. Hardwick, Dr. T. D. Heaver, Dr. B. Howard, Miss W. J. Hudson, Dr. F. R. C. Johnstone, Dr. J. M. Kennedy, Dr. L. Krainitz, Mrs. W. T. Lane, Dr. D. J. MacDougall, Mr. D. B. Mackay, Dean A. J. McClean, Dr. R. E. McConnell, Dr. C. A. McDowell, Dr. M. F. McGregor, Rev. J. P. Martin, Mr. A. M. Moore, Ms. C. M. Moriarty, Mr. R. F. Osborne, Dr. R. A. Restrepo, Dean B. E. Riedel, Dr. G. Rosenbluth, Dr. I. S. Ross, Dr. A. D. Scott, Dean M. Shaw, Ms. S. H. M. Smaill, Mrs. C. A. Soong, Dr. J. R. Stein, Mr. G. A. Thom, Mr. B. B. Trevino, Dr. M. Uprichard, Dean G. M. Volkoff, Dr. W. A. Webber, Dr. R. L. White, Acting Dean R. M. Will.

Observer: Mr. J. A. Banham

Messages of regret for their inability to attend were received from Chancellor N. T. Nemetz, Mrs. M. F. Angus, Mr. R. M. Buzza, Mr. C. P. Cole, Dr. N. Epstein, Dean W. D. Finn, Dr. J. G. Foulks, Dr. S. M. Friedman, Dr. R. F. Gray, Mr. I. F. Greenwood, Dr. J. M. Houston, Dr. W. D. Kitts, Mrs. J. MacD. Lecky, Dean S. W. Leung, Mr. T. B. Lindsay, Dr. P. A. Lusztig, Dr. G. V. Parkinson, Mr. P. S. Plant, Dr. K. S. Stockholder, Mr. B. Stuart-Stuabbs, Mr. F. C. Walden, Mr. D. R. Williams.
Wednesday, December 18, 1974.

The Chairman welcomed to Senate Rev. Paul C. Burns who had replaced Rev. R. W. Finn as Principal of St. Mark's College and as representative of the college on Senate.

Congratulations were offered to Ms. B. Gene Errington on her appointment by the Provincial Government as Status of Women Co-ordinator for International Women's Year 1975.

Congratulations were also extended to the two faculty members elected to serve on the Board of Governors, Dr. G. Rosenbluth and Dr. W. A. Webber, and to the two student members Mr. Svend J. Robinson and Mr. Richard H. Murray.

Minutes of the Previous Meeting

Dr. Hardwick
Dr. McGregor

That the Minutes of the Third regular meeting of Senate for the Session 1974-75 having been circulated, be taken as read and adopted.

Carried

Business arising from the Minutes

Advisory Committee for the selection of Deans (P.6243-5)

Senate was notified that the following resolution was passed by the Board of Governors at its meeting of December 3, 1974:

"That, as recommended by Senate at its meeting of November 13, 1974 the proposed Advisory Committee for the Selection of Deans be adopted only for the selection of a Dean of Arts, to succeed the present Dean of Arts; and that President Walter H. Gage be and is hereby authorized to appoint an ad hoc committee of the Board to meet with an ad hoc committee of Senate to consider procedures for the establishment of future advisory committees for the selection of deans; these procedures to be available by April 1, 1975."
Business arising from the Minutes

Advisory Committee for the selection of Deans (continued)

In order to save time the Agenda Committee had requested the
Nominating Committee to submit recommendations for membership of
the Senate ad hoc Committee. The Nominating Committee recommended
the following membership:

Dr. C. B. Bourne
Dr. C. V. Finnegan
Miss A. J. Francis
Acting Dean R. M. Will

Dr. McGregor ) That the recommendations of the
Dean Volkoff ) Nominating Committee be approved.

Carried

Examination Schedules (P.6246)

The following statement concerning examination schedules had been
circulated for information:

"There was discussion at the meeting of Senate held November 13, 1974
(Minutes, P.6246) of the desirability of adjusting the examination timetable
to avoid multiple exams on the same day for as many students as possible.
The use of a computer to equalize spacings was suggested.

Steps have been taken by the Systems Services Office and the Computing
Centre to experiment with improved methods before the examinations of April,
1975. One or more algorithms will be tried on the December, 1974 data, and
the results presented to the Registrar's Office for a decision on their merits.

These attempts are unlikely to be greeted with universal acclaim. For
one thing, the greater the success in equal spacing of examinations, the more
students will find their last exam in the final day or two of the exam period
preventing an early departure for vacation employment or travel. Also, there
is a conflict with the need to schedule large classes fairly early to give faculty
Examination Schedules (continued)

members reasonable opportunities for marking before the Registrar's deadlines. Further, there are special problems with exams that require special facilities, or for which a faculty member has requested avoidance of certain dates.

In short, the criteria for optimizing the timetable have not been fully specified by the University."

From the Board of Governors

Student representation on the Advisory Committee for the selection of a Dean of Arts

The following resolution was passed by the Board of Governors at its meeting of December 3, 1974: -

"That, subject to approval by Senate, the Board of Governors accepts the request conveyed in a letter from the Acting President of the Arts Undergraduate Society, that the two student representatives on the Advisory Committee for the Selection of a Dean of Arts, be nominated from and elected by the registered students in the Faculty of Arts and graduate students associated with the Faculty of Arts, the nominations and elections to be conducted by the Arts Undergraduate Society in accordance with procedures considered satisfactory by the Registrar."

Dr. Cavers ) That the resolution of the Board of
Dean Gardner ) Governors be approved.

Carried

Notification of approval in principle of Senate recommendations - subject, where applicable, to the proviso that none of the programs be implemented without formal reference to the President and the formal agreement of the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs.
From the Board of Governors

Notification of approval in principle of Senate recommendations
(continued)

(i) New courses and course changes in Botany, Biology, Biochemistry and Forestry, recommended by the Faculty of Graduate Studies. (P. 6252)

(ii) Revision in the Calendar statement for requirements for the LL.B. degree recommended by the Faculty of Law. (P. 6237-8)

(iii) Deletion of the Combined Honours B.Sc./M.D. or D.M.D. Program in Physiology, recommended by the Faculty of Medicine. (P. 6238)

Committee on Prizes, Scholarships and Bursaries

Dean Riedel
Dean Cowan

That the new awards listed in Appendix 'A' be accepted subject to the approval of the Board of Governors, and that letters of thanks be sent to the donors.

Carried

Reports of Committees of Senate

Curriculum Committee

Dr. Hardwick presented the report on proposals referred to the committee.

Faculty of Agricultural Sciences (See Appendix 'B')

Dr. Hardwick
Dean Shaw

That new courses and course changes recommended by the Faculty of Agricultural Sciences be approved.

Attention was drawn to the fact that Plant Science 324 and 325 were comparable to Botany 330, and that Plant Science 331
Wednesday, December 18, 1974.

Reports of Committees of Senate

Curriculum Committee

Faculty of Agricultural Sciences (continued)

was comparable to Zoology 311. Dean Shaw agreed to a suggestion

that the descriptions of these courses include a sentence stating that

credit would be granted for only one of these courses and not for both.

The motion was put and carried.

Dr. Hardwick  )  That the calendar changes recommended
Dean Shaw    )  by the Faculty of Agricultural Sciences
              )  be approved.

It was pointed out that in the courses listed under Animal Science

Physics 105 should read Physics 145.

The motion was put and carried.

School of Architecture  (See Appendix 'B')

Dr. Hardwick  )  That the course changes recommended
Mr. Osborne   )  by the School of Architecture be approved.

Carried

Faculty of Education  (See Appendix 'B')

Dr. Hardwick  )  That new courses, course and curriculum
Dean Andrews   )  changes recommended by the Faculty of
                  )  Education be approved.

Senate concurred with the recommendation of the committee that

approval of the revision in the unit value of Education 437 be withheld

pending clarification.
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Reports of Committees of Senate

Curriculum Committee

Faculty of Education (continued)

The motion was put and carried.

Faculty of Forestry (See Appendix 'B')

Dr. Hardwick
Dean Gardner

That new courses and course changes recommended by the Faculty of Forestry be approved.

Carried

Faculty of Graduate Studies (See Appendix 'B')

Dr. Hardwick
Dean Cowan

That new courses in Physiology recommended by the Faculty of Graduate Studies be approved.

Carried

Faculty of Medicine

The following outline of proposed curriculum changes for implementation in the 1975-76 Academic Year was submitted by the Faculty of Medicine:

First Year

1. To allow for earlier introduction of clinical material a start of Pathology and Microbiology in second phase of second term of First Year, Pathology to conclude at the end of the first term of Second Year.

2. To allow for the earlier introduction of Pathology and Microbiology, Anatomy and Biochemistry to conclude at the end of the first phase of second term of First Year. The final examinations in Anatomy and Biochemistry will be at that time.
Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine

First Year (continued)

3. To accomplish this it is necessary to lengthen the second term of First Year by three weeks, and divide it into two phases of nine weeks each.

4. Physiology will continue to be taught throughout First Year.

5. Though the Committee recommends that Biochemistry 410 be a prerequisite and be replaced by an appropriate Biochemistry course for medical and dental students, it feels it would be inappropriate to implement this proposal at a time when a head of Biochemistry has not been appointed. They propose that Biochemistry 410 continue for a further year, and 411 and 412 continue to be offered as electives.

6. Behavioural Sciences. The proposals allow the introduction of such a course within the first term of First Year, but are not dependent upon this. Firm proposals are not yet able to be brought to Faculty.

Second Year

1. The present formal pre-medical Second Year teaching will be concluded by the end of first term.

2. The second term will now consist largely of clinical work (bedside clinics, wardwork and clinical (systems) lectures) and will continue into the two terms of Third Year.

3. The clinical aspects of Pharmacology (e.g. Therapeutics) and Microbiology will be allotted time within the clinical (systems) lectures as appropriate.

Third Year

1. Present format will continue in first term.
Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine

Third Year (continued)

2. In the second term, three afternoons a week will be set aside for electives in basic science areas. On the other two afternoons wardwork will include attendance at specialty clinics, e.g. V.D., Radiotherapy, Arthritis, T.B., Rehabilitation.

Fourth Year

Clinical Clerkship should be 52 weeks.

Independent Study

To encourage habits of self education, up to one third of the time is made available for independent study and electives. The arrangement for this time varies, in each year, being formally identified in First and Second Year, but in Third Year one afternoon per week is unscheduled and in addition, wardwork usually does not occupy all the scheduled time.

It is recommended that formal teaching on Saturdays be abandoned.

Feasibility of Proposals

The proposals have been examined by the subcommittees for First and Second Years, and sample timetables have been prepared and approved. In Third Year the proposals have been approved in principle, but the detailed scheduling of lectures and clinics will be considered by the Third Year Committee. The arrangements for the basic science electives will require consideration by representatives of the basic science departments.

The Clinical Clerk Subcommittee will examine proposals for the allocation of time within the Clerkship.

Co-ordination with Faculty of Dentistry

The proposals have been examined by the Faculty of Dentistry and are acceptable.
Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine (continued)

Co-ordination with other U.B.C. Timetables

Wherever possible, the existing timetabling has been retained to avoid difficult re-scheduling.

Dr. Hardwick
Dr. Johnstone

That the revised curriculum of the Faculty of Medicine be approved in principle. Specific Senate approval will be required for implementation of:

a) Behavioural Science course (First Year)
b) Biochemistry course (First Year)
c) Basic Science electives (Third Year)
d) Specialty Clinics and courses (Third Year)

In reply to a request for information on the proposed Behavioural Science course Dean Bates stated that the course, which would be called "Social Issues in Medicine", had been approved by the Faculty of Medicine curriculum committee and would be submitted to Senate in due course. The course would deal mostly with obvious social issues as they inter-relate to the work of the medical graduate including problems of the aging population and their care.

Dr. Hardwick read to Senate a letter received from Dr. Friedman which stated that when the proposed changes for First Year Medicine were passed by Faculty it was agreed that these were contingent on the preparation of an acceptable syllabus for the course in Behavioural
Reports of Committees of Senate

Curriculum Committee

Faculty of Medicine (continued)

Science that could be passed by both the Faculty of Medicine and Senate in the normal manner; since no such syllabus had been presented the Department of Anatomy was not prepared to modify Anatomy 400 and 401 and abbreviate its own highly integrated courses in favour of an unknown course.

Dr. Johnstone, chairman of the Faculty of Medicine curriculum committee, commented that the letter was in error in that this was not what the Faculty of Medicine had agreed to.

In reply to a query as to when the course would be submitted for Senate approval Dean Bates stated that the Faculty committee was awaiting assurance of a time slot for this course.

Following a brief discussion the motion was put and carried.

Dr. Hardwick  
Dr. Webber  

That a new course, Anatomy 405 (3) Physiology and Biophysics of Animal Cells, recommended by the Faculty of Medicine, be approved.

Carried

Pharmaceutical Sciences (See Appendix 'B')

Dr. Hardwick  
Dean Riedel  

That a new course and course change recommended by the Faculty of Pharmaceutical Sciences be approved.

Carried
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Reports of Committees of Senate

Curriculum Committee (continued)

Physical Education and Recreation (See Appendix 'B')

Dr. Hardwick
Mr. Osborne

That a new course and course changes recommended by the School of Physical Education and Recreation be approved.

Carried

School of Rehabilitation Medicine (See Appendix 'B')

Dr. Hardwick
Dr. David

That the course and calendar changes recommended by the School of Rehabilitation Medicine be approved.

Carried

Faculty of Science (See Appendix 'B')

Dr. Hardwick
Dean Volkoff

That new courses and course changes recommended by the Faculty of Science be approved.

Carried

Modified descriptions for Zoology 417, 314 and 407 recommended by the committee were approved.

Dr. Hardwick
Dean Volkoff

That program changes recommended by the Faculty of Science be approved.

Carried

Nominating Committee

Dr. Bourne presented the report. At its meeting of November 13, 1974 Senate agreed that a committee be established to investigate the operation of the Bookstore and report back to Senate.
Reports of Committees of Senate

Nominating Committee (continued)

The following membership had been recommended by the committee:

Dr. W. D. Kitts  
Mr. A. Milton Moore  
Mr. G. J. Peet  
Mrs. L. Sayle  
Mr. B. Stuart-Stubbs

Dr. Bourne  
Dr. McGregor

That the recommendations of the Nominating Committee be approved.

Carried

Ad hoc Committee on Teaching Evaluation

The final report of the committee was presented by Dr. Daniells. The report outlined the various methods employed by Faculties and Schools to evaluate teaching. The committee concluded that there was no need to alert Faculties and Schools to their responsibilities in the matter of teaching evaluation, nor was there any possibility of imposing upon them a common method of tackling the problem. What was required was some means of interchanging the experience and opinion of the various Faculties and Schools and the provision of a forum where instruction and discussion may be available to staff members who would find them useful.

The recommendations contained in the report were:

1. That the President's office establish a permanent committee to include the representatives of Faculties specially charged with the responsibility of evaluating teaching.
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Reports of Committees of Senate

Ad hoc Committee on Teaching Evaluation (continued)

2. That the committee set up a series of short courses, staffed by volunteers from the Faculty at large approved by the committee, to be offered one or more each academic year, according to demand.

   Dr. Daniells ) That the report be accepted.
   Dr. Bongie  )

Carried

On behalf of Senate the Chairman paid tribute to Dr. Daniells who was attending his last Senate meeting and would be retiring from the University at the end of the month.

Dr. Clark read to Senate the following tribute to Dr. Daniells on the occasion of his last meeting as a member of the University Senate:-

O shades of Dante and of Milton bright!
Come to my aid as I do sing this night
Of your descendant, Daniells, poet of light.

Master of image, metaphor in verse,
Of gentle wit, evocative and terse.
To wield with patient skill how well he knows
The stainless steel of perfect English prose.

Oft has he pondered in his mortal span
The many ways God reaches out to man
With steadfast love to set our hearts aflame,
Free to respond to God who knows us each by name.

To instil love of learning Daniells has zest
To encourage the good to strive for the best.
Such teaching, he tells us, does not come by birth,
But by a commitment, a task of high worth.

And he, when lengthy our verbose debate,
Reminds himself of Milton's thought sedate:
They also serve who only stand and wait.
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Reports of Committees of Senate (continued)

Committee on Implementation of the Universities Act

Senate Membership - Joint Faculty Representatives

Dean McClean presented the report. The recommendations of the committee were:

1. That the President be asked to call a Joint Meeting of the Faculties for Thursday, February 6, 1975 at 12.30 p.m.

2. That the purpose of the meeting be to determine the manner in which the 10 joint faculty representatives to Senate are to be elected. (As required under the Universities Act section 35 (g).)

3. That to expedite the business of this meeting the faculty members be asked to make any submissions concerning procedures by giving written notice of motion not later than January 23, 1975.

Dean McClean Dr. Ross That the recommendations of the committee be approved.

It was agreed that the date of the meeting be changed to February 13, 1975. (N.B. The date was later changed back to February 6, 1975 but the time of the meeting was changed to 4.30 p.m.)

The motion was put and carried.

Representatives from the individual Faculties

Dean McClean Dr. Kennedy That the individual Faculties make their own decisions on the procedures and timing of the election of their two representatives to serve on Senate on the understanding that all elections be completed by March 31, 1975.
Reports of Committees of Senate

Committee on Implementation of the Universities Act

Representatives from the individual Faculties (continued)

The Chairman confirmed that the elections could be held at Faculty meetings subject to the terms of the Universities Act.

The motion was put and carried.

Publication of election results

Dean McClean )  That Senate accept as policy the full
Dr. Ross )  disclosure of election results by
publication of numbers of votes cast
for the various candidates, except
that for elections already under way
or completed such disclosure be subject
to the approval of all candidates in each
election.

Lost

Academic Year 1975-76

Proposals for the Academic Year 1975-76 were circulated for information with the exception of one item concerning the last day for changes in courses in the First Term.

At its meeting of February 24, 1971, Senate approved a recommendation of an ad hoc committee that students be permitted the first three weeks of term for changing most courses. This represented an extension of a week over the customary period. However, Faculty criticism had been so persistent it was felt that Senate should consider making the last day for
Academic Year 1975-76 (continued)

changes Friday of the second week of lectures. There would continue to be provision for changes later than this date with the approval of the Faculty and instructor concerned.

Dean Cowan
Dr. McGregor

That the last day for changes in courses in the First Term be Friday of the second week of lectures.

Following a brief discussion the motion was put and carried.

Faculty of Arts (See Appendix 'C')

A list of courses to be offered in Intersession 1975 was circulated for information.

Faculty of Education (See Appendix 'C')

A list of courses to be offered January-April 1975, May-July 1975 and Summer 1976 was circulated for information.

Faculty of Graduate Studies (See Appendix 'C')

A list of Intersession evening credit course proposals was circulated for information.

Notice of motion re term of office of Deans

The following notice of motion, for discussion at the January 22, 1975 meeting of Senate, had been received from Dr. Epstein:-
Notice of motion re term of office of Deans (continued)

"That the terms of reference of the joint Senate-Board Committee on the Selection of Deans include the question of the term of office of Deans."

Other Business

1. Mr. Funt gave notice of the following motion:

"That Senate accept as policy the full disclosure of student election results by publication of numbers of votes cast for the various candidates."

2. A query was raised by Mr. Funt concerning the architectural plans and siting of the new library data processing centre. The Chairman suggested that Mr. Funt confer with him on this matter.

3. Concern was expressed regarding books on sale in the Bookstore which students had paid full price for in September but would not be using until the second term. It was suggested that the matter be referred to the Ad hoc Committee on the Bookstore.

4. Concern was also expressed that in some cases examination papers had been distributed 15 minutes late and students had therefore lost 15 minutes of the time allowed for examinations.

5. The following notice of motion was given by Dr. Cavers:
Wednesday, December 18, 1974.

Other Business

5. (continued)

"That Senate establish the following regulations for the University: -

Take home examinations shall not contribute in total more than 20% of the final mark in any course."

6. Mr. Thom gave notice of the following motion: -

"WHEREAS

Effective alumni involvement in the University's academic governing body has been a tradition which has added a knowledge from the community into the academic decision making at U.B.C. and has helped to create a strong Alumni Association through giving the graduates a voice in the University affairs through a franchise which has created a strong graduate tie with the University which should not be weakened and,

WHEREAS

Convocation Senators with the knowledge gained in participation have served the university both during and long after their term as Senators by interpreting the University to the community and,

WHEREAS

The number of Convocation Senators has been reduced from 15 to 4 under the new Universities Act and,

WHEREAS

Much of the work of the University Senate is conducted "in committee" and the limit of 4 Convocation Senators precludes participation in this important function,

BE IT RESOLVED THAT:

This Senate increase by 11, the number of Senators to be elected by Convocation through Section 35 (2) (1)."
Other Business (continued)

7. Mr. Osborne gave notice of the following motion:

"That Senate establish a committee to consider specific study of
the examination policies and practices generally with emphasis
on Christmas examinations."

8. The Chairman paid tribute to Mrs. Field and to Mr. Trevino for their
services as Senate representatives on the Board of Governors.

Tributes Committee

Senate concurred with the recommendation of the committee that
Mrs. A. G. Birkett be granted the status of Professor Emerita of Education.

Dr. McGregor informed Senate that the following persons had accepted
invitations to receive honorary degrees at the 1975 Congregation:

William M. Armstrong
Carl E. Borden
Roy Daniells
John F. McCreary
Nathan T. Nemetz

The meeting adjourned at 9.45 p.m.

The next regular meeting of Senate will be held on Wednesday,
January 22, 1975.

Confirmed,

Chairman
APPENDIX 'A'

New Awards Recommended to Senate

The Joseph Gibbs Memorial Bursary - A bursary of $100 has been made available by Mr. and Mrs. Alfred Groberman in memory of Joseph Gibbs who was associated with the firm of Adams Pharmaceutical Ltd. The award will be made to a needy student in the Faculty of Pharmaceutical Sciences.

The Robert Lee Scholarship - A scholarship of $200, gift of Mr. Robert Lee, a graduate of the Faculty of Commerce and Business Administration, U.B.C, is offered annually to students in Commerce and Business Administration who are taking the Urban Land Economics option, have high academic standards, and are deserving of assistance to further their education. The award will be made on the recommendation of the Faculty.
APPENDIX 'B'

Course and Curriculum Proposals

A = new courses or substantial changes
B = minor changes

FACULTY OF AGRICULTURAL SCIENCES

Agricultural Sciences

B Change

Plant Science 439 now Agricultural Sciences 400
(change in number, title and description)

Animal Science

A New course

321 (1½) Analytical Methods in Animal Nutrition

A Change

422 - change in title, description and hours

B Changes

258 - change in description and hours
323 - change in prerequisite (now Animal Science 321 (or equivalent) and 322.)
425 - change in units (now 3 units)

Food Science

A New course

258 (1½) Exploring Man's Food

B Changes

416 - change in title and description
425 - change in units (now 3 units)

Plant Science

A New course

414 (1½) Landscape Plant Production Systems

A Change

416 - change in number, title and description, now:
415 (1½) Design in Landscape I

A New course

416 (1½) Design in Landscape II

B Changes

324 and 325 - change in title and description
331 - change in description
425 - change in description and units (now 3 units)
436 - change in description
438 - change in number and description
439 - change in number, title, description and hours
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science (continued)
A Deletion 424

Poultry Science
A New courses 321 (1½) Analytical Methods in Animal Nutrition
422 (3) Nutritional Principles of Livestock and
Poultry Feeding
A Change 410 - change in title, description and hours
B Changes 258 - change in description and hours
323 - change in prerequisite

Soil Science
B Changes 200 - addition to description
413 and 416 - change in prerequisite, remove
Soil Science 200
425 - change in units (now 3 units)

SCHOOL OF ARCHITECTURE

B Changes Architecture 408 - change in number and title, now:-
407 (1½) User Evaluation of Architecture

Architecture 407 - change in number, now:-
408 (1½) Social Aspects of Architectural Space

FACULTY OF EDUCATION

Secondary Division
A New course Education 491 (3) Computers in Secondary Education
A Change Canadian Studies Concentration
First and Second Years to read:
(a) 6 units of course work significantly Canadian
in content or approach.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

A Change

Canadian Studies Concentration

First and Second Years to read (continued)

(b) 6 units of first or second year course work in
ANTH, ASIA, CLST, ECON, HIST, HIST FINA,
HIST MUSC, PHIL, POLI, SLAV, SOCI or URST.

Note: Students combining this concentration with a
Social Studies Concentration may apply no more
than 3 units of course work for credit in both
concentrations.

B Changes

Social Studies Concentration (emphasis on Social
Sciences) to read:

Recommended this Concentration be combined with
History or Geography emphasis. (Where this is done,
no more than 3 units of course work for credit in both
concentrations may apply).

Industrial Education - Addition of phrase "Organization
for instruction" to the course description of each of
the following: EDUC 230, 252, 350, 351, 354, 357,
359, 360, 450, 451, 452, 453, 457, 463, 467.

Mathematics Education - Add: EDUC 491 to:

List of available electives for the One-year Program
for Graduates.

List of electives for Fifth Year regular program
(Secondary).

Art Education, Major

Add: Fifth Year:

Professional year, no Art Education studio courses
may be taken this year. Studio courses continued
during practice teaching.

Librarianship Concentration - now to read:

Third and Fourth Years: 12 units consisting of:

(a) EDUC 381, 383, 385, 387
(b) 3-4 units selected from EDUC 384, 386, 388
(c) 1 ½-3 units selected from EDUC 414, 472, 494,
495, 496.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

B Changes (continued)

Admission - Section 3.
   Delete asterisk against library

Academic Concentrations, Majors and Honours for
   Secondary Teachers
   Delete asterisk against: Library and Earth and
Space Science

Biological Sciences, Concentration and Major
   Second, Third and Fourth Years
   (a) Delete: BOTA 305, MICB 201, ZOOL 305 and 301
      Add: BOTA 301 and ZOOL 205
   (b) Delete: ZOOL 204
      Add: ZOOL 304
   (c) Delete: ZOOL 401
      Add: ZOOL 403, 412.

Earth and Space Sciences Concentration
   Group A to read: At least 3 units from ASTR 200, 420 or GEOP 210
   Group B: Insert GEOL 327
   Group C: Insert GEOP 210
   Add to present penultimate paragraph after ASTR 200:
   "or GEOP 210"
   Add as new last paragraph: "Only one of the English
   at the 200 level or 303 is required."

Earth and Space Sciences Major
   Add GEOP 210 to list

Chemistry, Concentration and Major
   Add "or 335 (3)" after 320 (1) in both Senior Years
   (Concentration) and Second, Third and Fourth Years
   (Major)

Mathematics Concentration to read:
   Senior Years MATH 310, 311 and at least 3 more units
   of Mathematics to be selected from MATH 205, 301, 305,
   312, 318, 322, 445 ....

Mathematics Major to read:
   First and Second Years MATH 100, 120, 121, 200, 205,
   221, 222 and CPSC 210
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APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

B Changes
Mathematics Major to read: (continued)
Senior Years Mathematics 310, 311 and at least
7 more units of Mathematics to be selected from
MATH 301, 305, 312, 318, 322, 445

EDUC 332 - change in hours to (3-0; 3-0)
389 - change in course description
432 - change in title and hours; will now read:
        432 (3) Psychology of Adolescence

Elementary Division

A Changes
EDUC 473 - change in number and title; now reads:
        EDUC 305 (3) Curriculum and Instruction
        in Developmental Reading in the Elementary School

437 - change in description, units and hours;
        now reads:
        EDUC 437 (1½ or 3) Teaching Maladjusted
        Children

B Change
416 - addition of (1) laboratory hour

A Changes
Section A
The Four-Year Program
Second Year to read:
Second Year (1975-76 only)
English at the 200-level
Prerequisite or elective
Academic Electives (ENG 303 strongly recommended)
EDUC 297 and 305

A question arose re the offering of 305 ahead of
310 and it was agreed that Child Development and
Development in Reading should be offered in the
same year and an attempt would be made to arrange
this.
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Elementary Division

A Changes

Section A (continued)

Third and Fourth Year

Program changed to make it possible for Third Year students to include EDUC 305 and in-term blocks of student teaching.

B Changes

Fourth Year, regular

Change in wording for clarification.

Transferring to Third Year

English 303 has been deleted as a compulsory course so that EDUC 305 can be included. Other minor changes made for clarification.

Section C

Program for Candidates Holding a Teaching Certificate

Delete: Honours Program for B. Ed. (Elem.) Degree

Art Education Concentration and Major

Professional year imposes necessity to change course sequences.

Mathematics Education Concentration to read as follows:

MATH 100, 121, EDUC 372, 373, 488, 485 and 3 units of electives to be chosen from MATH 120, 130, 140, 205, 221 and 222.

Mathematics Education Major

Third and Fourth Years to read as follows:

EDUC 372, 373, 488, 485; MATH 120, 310, 311 and 6 units of electives to be chosen from MATH 140, 205, 312, 318, CPSC 210

Music Education Concentration

Third and Fourth Years - change to:

... 3 units from MUED 104 ...

Science Education Major

Third and Fourth Years - change to read as follows:

EDUC 380, 409, 3 units chosen from one of the sciences named above and not previously taken or GSED 309; 9 units of elective science courses approved by the Science Education Department.

(GEOP 310 is recommended).
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF FORESTRY

A New courses
- FRST 373 (2) Principles of the Design of Forestry Structures and Mechanisms
- FRST 426 (3) Forest Rangeland Management
- FRST 443 (1½) Remote Sensing in Forestry
- FRST 494 (1) Forest Landscape Analysis and Design

B Changes
- FRST 270, 273 - change in description
- FRST 302 - change in lab hours
- FRST 351 - change in title and description
- FRST 395 - change in description
- FRST 430 - change in units and hours
- FRST 442 - change in description, title and hours
- FRST 463 - add prerequisite (FRST 373)
- FRST 481, 482 - addition to description
- FRST 491 - change in title and description
- FRST 492 - change in description and hours

A Deletion
- FRST 473

FACULTY OF GRADUATE STUDIES

A New courses
- Physiology 521 (1½) Advanced Topics in Renal Physiology
- Physiology 522 (1½) Advanced Topics in Cardiovascular Physiology
- Physiology 523 (1½) Advanced Topics in Gastrointestinal Physiology
- Physiology 524 (1½) Advanced Topics in Endocrinology
- Physiology 526 (1½) Advanced Topics in Neurophysiology
- Physiology 527 (1½) Advanced Topics in Respiratory Physiology

FACULTY OF PHARMACEUTICAL SCIENCES

A New course
- PHAR 441 (1½) Advanced Laboratory in Pharmacology

B Change
Under heading "Promotion Requirements", Calendar pages 265/266; after Item 4, page 266 insert new Item 5 as follows: (subsequent numbering to be changed accordingly)
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF PHARMACEUTICAL SCIENCES

B Change (continued)

5. A student who fails to reach a pass standing in the Dispensing section of Pharmaceutics 310, will receive a standing of 'T' for the course. Provided other promotion requirements are satisfied, the student will be permitted to register in the Fourth year but will be required to repeat the Dispensing section of 310 and take all necessary tests and examinations both theoretical and practical pertaining thereto. On the satisfactory completion of the Dispensing section of 310, a grade will be assigned for the entire Pharmaceutics 310 course at the end of the Fourth year. In the event of failure to reach a satisfactory standard by the end of the Fourth year, the degree will not be awarded until evidence is produced that a satisfactory standard has been attained.

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

A New course  Physical Education 423 (1) Wrestling Coaching

A Changes  The Bachelor of Physical Education Degree Program

Option A

Fourth Year

Present calendar entry: "Electives:
Physical Education Theory .... 3-6
Physical Education 462 ....... 1½"

Proposed calendar entry: "Electives:
Physical Education Theory .... 4½-7½"

Physical Education Activity

Required courses for all students on Option A and Option B

Present calendar entry: "One Course from Area II
(Dance)"

Proposed calendar entry: "Physical Education 240
or 241 (see Note 1)"
APPENDIX 'B'

Course and Curriculum Proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

A Changes

Physical Education Activity (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
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<tbody>
<tr>
<td>240 (1)</td>
<td>Dance</td>
</tr>
<tr>
<td>241 (1)</td>
<td>Contemporary Dance I</td>
</tr>
</tbody>
</table>

Note 1: It is strongly recommended that Women students complete 2 units of Dance, one of these being P.E. 241.

SCHOOL OF REHABILITATION MEDICINE

A Changes

Revisions in numbering of Clinical Training and Practice courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>211 (1½)</td>
<td>O.T. Clinical Practice I</td>
</tr>
<tr>
<td>212 (1½)</td>
<td>P.T. Clinical Practice I</td>
</tr>
<tr>
<td>309 (1)</td>
<td>O.T. Clinical Practice II</td>
</tr>
<tr>
<td>310 (1)</td>
<td>P.T. Clinical Practice II</td>
</tr>
<tr>
<td>311 (2)</td>
<td>O.T. Clinical Practice III</td>
</tr>
<tr>
<td>312 (2)</td>
<td>P.T. Clinical Practice III</td>
</tr>
<tr>
<td>409 (3)</td>
<td>O.T. Clinical Practice IV</td>
</tr>
<tr>
<td>410 (3)</td>
<td>P.T. Clinical Practice IV</td>
</tr>
</tbody>
</table>

Old 409 - change in number, now 408
Delete - 308 and old 408

Note:

On satisfactory completion of the B.S.R. a student must complete a senior clinical internship of sixteen weeks in order to qualify for membership in the Canadian Occupational Therapy Association and the Canadian Physiotherapy Association. Eight of these are spent in occupational therapy departments and eight in physiotherapy departments.

FACULTY OF SCIENCE

Biology

A New courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRNE 401 (3)</td>
<td>Special Topics in Marine Biology</td>
</tr>
<tr>
<td>MRNE 402 (1½)</td>
<td>Special Topics in Marine Biology</td>
</tr>
<tr>
<td>MRNE 435 (3)</td>
<td>Introduction to Biological Oceanography</td>
</tr>
</tbody>
</table>
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Biology (continued)

B Changes
Addition of explanatory note under heading "Marine Science"
BIOL 313 - change in title and description; now reads:
BIOL 313 (1½) Microbes and Man

A Change
BIOL 405 - change in term and description, added prerequisites

Botany

A Change
BOTA 440 - deleted and replaced by:
BOTA 441 (1½) Paleobotany
BOTA 442 (1½) Palynology

B Change
BOTA 330 - change in description only

Chemistry

A Change
CHEM 303 - change in title and description; now reads:
CHEM 303 (2) Intermediate Organic Chemistry

B Change
CHEM 330 - change in description only
A Change
CHEM 403 - change in description only
B Change
CHEM 411 - change in prerequisite only

Computer Science

B Change
CPSC 402 - change in prerequisite

Geography

B Changes
GEOG 313 and 414 - change in description

Geological Sciences

A Changes
GEOL 410 - change in number and description; now reads:
GEOL 435 (1½) Field Geology
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Geological Sciences  (continued)

B  Changes

GEOL 300  - change in prerequisites to read:
GEOL 105, 107 or 150
GEOL 312  - change in prerequisites to read:
GEOL 105, 107 or 150
GEOL 415  - change in prerequisites to read: GEOL
314 or permission of the Head of the
Department
GEOL 314  - change in term offered
GEOL 320  - change in hours
GEOL 342  - clarification of calendar description
re hours
GEOL 404  - change in title; now reads:
GEOL 404 (1½) Structural Geology II

Geophysics and Astronomy

A  Deletions

GEOP 301 (3) Waves and Seismology
GEOP 302 (3) General Geophysics
GEOP 402 (1) Applied Geophysics Laboratory
GEOP 403 (1) Geochronology
GEOP 415 (3) Geophysical Analysis

A  New courses

GEOP 220 (1½) General Geophysics
GEOP 320 (1½) Introduction to Theoretical Geophysics
GEOP 321 (1½) Seismology
GEOP 322 (1½) Time Series Analysis in Geophysics
GEOP 420 (1½) Potential Methods
GEOP 421 (1½) Applied Geophysical Laboratory
GEOP 422 (1½) Geophysical Instrumentation
GEOP 423 (1½) Geochronology and Isotope Geophysics
GEOP 425 (1½) Geophysics Seminar

A  Changes

GEOP 449 (2) - reduction in unit value to 1½
GEOP 412  - change in number, unit value and hours;
now reads:
GEOP 424 (1½) Geomagnetism and
Space Plasma Physics
Hours (3-0; 0-0)
APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Geophysics and Astronomy (continued)

B Changes

GEOP 201 - change in number; now reads:
GEOP 221 (3) Physics of the Earth

ASTR 200 - change in description only

Microbiology

A Changes

MICB 409 - addition of BIOC 410 as prerequisite;
change in hours to (0–0; 3–0)

MICB 448 - addition of MICB 321 as prerequisite

MICB 449 - addition of MICB 321 as prerequisite

MICB 321 - enrolment restricted to Majors and
Honours students in Microbiology

B Change

MICB 403 - MICB 302 prerequisite removed

Physics

B Changes

PHYS 110 - change in hours to (3–2–1; 3–2–1)

PHYS 300 - change in description and hours
(2–0–1*) (2–0–1*)

PHYS 312 - change in description only

PHYS 319 - change in description only

- change in number for the following:
  105 to 145
  130 to 140
  210 to 216
  220 to 206
  300 to 311
  310 to 307

Zoology

A Deletions

ZOOL 301 and these courses will not be given
ZOOL 418 ) after 1974/1975

A Changes

ZOOL 414 - change in description, units and hours;
now reads:
ZOOL 414 (3) Marine Invertebrate Zoology
Hours (2–3; 2–3)
Appendix 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE

Zoology

A Changes (continued)

ZOOL 417 - to be offered as 1½ unit course in Second Term only

A New course

ZOOL 314 (1½) Molecular Developmental Biology
ZOOL 407 (1½) Cell Differentiation
ZOOL 427 (1½) Molecular and Theoretical Aspects of Morphogenesis

B Changes

ZOOL 304 - addition of BIOL 200 and 201 as prerequisites with BIOC 410 highly recommended as concurrent
ZOOL 404 - change in course description only
ZOOL 406 - change in course description only
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF ARTS - Intersession 1975

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 201</td>
<td>3</td>
<td>Ethnic Relations</td>
</tr>
<tr>
<td>ANTH 414</td>
<td>3</td>
<td>Economic Anthropology</td>
</tr>
<tr>
<td>ASIA 435</td>
<td>3</td>
<td>Modern Japanese Novels in Translation</td>
</tr>
<tr>
<td>ECON 100</td>
<td>3</td>
<td>Principles of Economics</td>
</tr>
<tr>
<td>ECON 490</td>
<td>3</td>
<td>Applied Economics</td>
</tr>
<tr>
<td>ENGL 100</td>
<td>3</td>
<td>Literature and Composition</td>
</tr>
<tr>
<td>ENGL 201</td>
<td>3</td>
<td>A Survey of English Literature from Chaucer to 1914</td>
</tr>
<tr>
<td>ENGL 204</td>
<td>3</td>
<td>Short Fiction</td>
</tr>
<tr>
<td>ENGL 301</td>
<td>1½</td>
<td>Practical Writing</td>
</tr>
<tr>
<td>ENGL 302</td>
<td>1½</td>
<td>Advanced Practical Writing</td>
</tr>
<tr>
<td>ENGL 303</td>
<td>3</td>
<td>English Composition</td>
</tr>
<tr>
<td>ENGL 308</td>
<td>3</td>
<td>History of the English Language</td>
</tr>
<tr>
<td>ENGL 321</td>
<td>3</td>
<td>Approaches to Poetry</td>
</tr>
<tr>
<td>ENGL 365</td>
<td>3</td>
<td>Shakespeare</td>
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<tr>
<td>ENGL 440</td>
<td>3</td>
<td>Canadian Literature</td>
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<tr>
<td>ENGL 452D</td>
<td>3</td>
<td>Studies in American Literature: The American Renaissance</td>
</tr>
<tr>
<td>FINA 125</td>
<td>3</td>
<td>History of Western Art</td>
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<tr>
<td>FINA 181</td>
<td>3</td>
<td>Studio 1</td>
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<tr>
<td>FINA 339</td>
<td>1½-3</td>
<td>19th and 20th Century Art</td>
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<tr>
<td>FINA 397</td>
<td>3</td>
<td>Directed Study Abroad - Section 1 - London</td>
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<tr>
<td>(2 sections)</td>
<td></td>
<td>Section 2 - Florence</td>
</tr>
<tr>
<td>FREN 402</td>
<td>3</td>
<td>Advanced Studies in French Language and Style</td>
</tr>
<tr>
<td>FREN 418</td>
<td>3</td>
<td>Literatures of the French-Speaking World</td>
</tr>
<tr>
<td>GEOG 351</td>
<td>1½</td>
<td>Geography of Urbanization (Tentative)</td>
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<tr>
<td>GERM 430</td>
<td>3</td>
<td>German for Reading Knowledge</td>
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<tr>
<td>HIST 413</td>
<td>3</td>
<td>The Reformation</td>
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<tr>
<td>HIST 423</td>
<td>3</td>
<td>Economic History of Modern Japan</td>
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<tr>
<td>HIST 438</td>
<td>3</td>
<td>History of the Soviet Union</td>
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</table>
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

**FACULTY OF ARTS - Intersession 1975 (continued)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ITAL 100</td>
<td>First Year Italian</td>
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<tr>
<td>LING 445</td>
<td>Socio-Linguistics</td>
</tr>
<tr>
<td>PHIL 100/410</td>
<td>Introduction to Philosophy/Philosophical Problems</td>
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<tr>
<td>PHIL 250/350</td>
<td>Epistemology &amp; Metaphysics</td>
</tr>
<tr>
<td>PHIL 301</td>
<td>Ethics</td>
</tr>
<tr>
<td>PHIL 317</td>
<td>Philosophy of Religion</td>
</tr>
<tr>
<td>POLI 204</td>
<td>International Politics</td>
</tr>
<tr>
<td>POLI 300</td>
<td>Development of Political Theory: Basic Concepts &amp; Issues</td>
</tr>
<tr>
<td>PSYC 200</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>PSYC 309</td>
<td>Cognitive Processes</td>
</tr>
<tr>
<td>PSYC 316</td>
<td>Methods of Research</td>
</tr>
<tr>
<td>RELG 341</td>
<td>Islamic Art and Architecture</td>
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<tr>
<td>SOCI 220</td>
<td>Sociology of Life-Styles</td>
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<tr>
<td>SOCI 270</td>
<td>Introduction to Comparative Social Institutions</td>
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<tr>
<td>SOCI 361</td>
<td>Social Stratification</td>
</tr>
<tr>
<td>SOCI 365</td>
<td>Socialization</td>
</tr>
<tr>
<td>SOCI 473</td>
<td>Sociology of Mental Illness</td>
</tr>
<tr>
<td>SOCI 475</td>
<td>Social Conflict</td>
</tr>
<tr>
<td>SPAN 100</td>
<td>First Year Spanish</td>
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<tr>
<td>SPAN 200</td>
<td>Second Year Spanish</td>
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**Credit Correspondence Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 340</td>
<td>The English Novel from Defoe to Hardy</td>
</tr>
<tr>
<td>ENGL 341</td>
<td>The English Novel from Joseph Conrad to the Present</td>
</tr>
<tr>
<td>ENGL 375</td>
<td>Milton</td>
</tr>
<tr>
<td>ENGL 451</td>
<td>A Survey of American Literature since 1860</td>
</tr>
</tbody>
</table>
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF ARTS - (continued)

Courses being developed under the Provincial Government Grant to the Centre for Continuing Education for Innovative Programs:

ANTH 412 Introduction to Anthropological Problems
ECON 335 Economic History of Canada
FINA 251 History of the Art of the Americas
FREN 400 A Survey of French Literature in Translation
HIST 303 History of the Canadian West
*POLI SC 200/201 Government of Canada/Foreign Governments
POLI SC 302 Public Administration
*PSYC 100 Introductory Psychology
*PSYC 300 Behaviour Disorders
PSYC 301 Developmental Psychology
PSYC 304 Brain and Behaviour
*PSYC 308 Social Psychology
*SOCI 471 Social Control

*for degree-credit and for credit toward a Centre for Continuing Education Criminology Certificate.

FACULTY OF EDUCATION

January-April 1975

EDUC 382 (1-½) Services and Programs in Elementary School Libraries U.B.C.
-replacing EDUC 389 previously announced
EDUC 465 (1-½) Technical Problem in Industrial Education Burnaby
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF EDUCATION (continued)

May-July 1975 - Intersession

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 334 (3)</td>
<td>The Role of the Teacher in Richmond</td>
<td></td>
</tr>
<tr>
<td>EDUC 404 (3)</td>
<td>Curriculum and Instruction in Social Studies</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 430 (3) (tent.)</td>
<td>History of Education</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 439 (1-½)</td>
<td>Instructional Television: Principals and Application of non-Studio Techniques</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 470 (3)</td>
<td>Educational Sociology</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 471 (3)</td>
<td>Diagnosis of Remediation in Elementary School Math.</td>
<td>off-campus location, tba</td>
</tr>
<tr>
<td>EDUC 473 (3)</td>
<td>Developmental Reading in Elementary Grades</td>
<td>U.B.C.</td>
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</table>

-or its replacement if approved by Senate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>EDUC 472/74 (3)</td>
<td>Guiding Reading Growth in Junior &amp; Senior Secondary Schools/Developing Reading Programs for Junior and Senior Secondary Schools</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 478 (3)</td>
<td>Teaching English as a Second Language</td>
<td>U.B.C. or Greater Van.</td>
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<tr>
<td>EDUC 489 (3)</td>
<td>Applied Linguistics for Teachers</td>
<td>U.B.C. or Greater Van.</td>
</tr>
<tr>
<td>EDUC 301/302 (1½/1½)</td>
<td>Introduction to Educational Psychology/Introduction to Educational Evaluation</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 332 (3)</td>
<td>Psychology of Adolescence - Development and Adjustment</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 494 (1-½)</td>
<td>Communication Media Programs in Schools - Motion Picture Film and Television</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 495 (1-½)</td>
<td>Still Photography in Education</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>EDUC 496 (1-½)</td>
<td>Motion Picture Production in Education</td>
<td>U.B.C.</td>
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</table>
APPENDIX 'C'

Courses to be offered through the Centre for Continuing Education

FACULTY OF EDUCATION

May-July 1975 - Intersession (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>ENED 311</td>
<td>Children's Literature</td>
<td>U.B.C.</td>
</tr>
<tr>
<td>PHED 364</td>
<td>Psychological Foundations of Sport and Physical Activity</td>
<td>U.B.C.</td>
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</table>

Summer 1976

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 360</td>
<td>Comparative Physical Education directed study in Canada</td>
<td></td>
</tr>
<tr>
<td>PHED 461</td>
<td>Physical Education Project</td>
<td></td>
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</tbody>
</table>

- to be offered at several Canadian Universities followed by attendance at the 1976 Olympic games in Montreal

FACULTY OF GRADUATE STUDIES

Intersession Evening Credit Course Proposals

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>AGEC 504</td>
<td>Extension Planning and Evaluation</td>
</tr>
<tr>
<td></td>
<td>- restricted to students on graduate degree programs in Adult Education and Agriculture</td>
</tr>
<tr>
<td></td>
<td>- Instructor: Dr. J. Thornton</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 580</td>
<td>Problem in Education - Information Systems and Knowledge Production and Utilization in Education</td>
</tr>
<tr>
<td></td>
<td>- enrolment limited to 12 suitably qualified students</td>
</tr>
<tr>
<td></td>
<td>- Instructor: Dr. E. Summers</td>
</tr>
</tbody>
</table>