



THE UNIVERSITY OF BRITISH COLUMBIA  
**Vancouver Senate Secretariat**  
 Senate and Curriculum Services  
 Enrolment Services  
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## VANCOUVER SENATE

### MINUTES OF DECEMBER 14, 1994

#### Attendance

**Present:** President D. W. Strangway (Chair), Vice-President D. R. Birch, Dr. D. R. Atkins, Dr. A. P. Autor, Mr. J. A. Banfield, Dr. J. D. Berger, Dr. A. E. Boardman, Mr. J. Boritz, Dr. D. G. A. Carter, Ms. S. Chan, Ms. L. Chui, Dr. D. H. Cohen, Dr. T. S. Cook, Dr. M. G. R. Coope, Ms. S. Y. Dawood, Mr. K. A. Douglas, Dr. J. H. V. Gilbert, Mr. E. B. Goehring, Dean M. A. Goldberg, Dean J. R. Grace, Dr. S. E. Grace, Mr. H. D. Gray, Dr. M. Isaacson, Dr. J. G. T. Kelsey, Professor V. J. Kirkness, Dr. S. B. Knight, Dr. M. Levine, Mr. C. Lim, Dr. S. C. Lindstrom, Mr. R. W. Lowe, Dr. D. M. Lyster, Dr. D. J. MacDougall, Dr. M. MacEntee, Dr. R. T. A. MacGillivray, Mr. K. R. MacLaren, Dean M. P. Marchak, Dean B. C. McBride, Dean J. H. McNeill, Dean A. Meisen, Mr. R. L. de Pfyffer, Mr. D. B. Preikshot, Mrs. M. Price, Professor M. Quayle, Dr. D. J. Randall, Professor J. A. Rice, Dean J. F. Richards, Dr. H. B. Richer, Dr. R. A. Shearer, Dean N. Sheehan, Dr. A. J. Sinclair, Dr. C. E. Slonecker, Dean C. L. Smith, Ms. C. A. Soong, Dr. J. R. Thompson, Dr. S. Thorne, Dr. W. Uegama, Dr. J. Vanderstoep, Mr. D. R. Verma, Dr. R. M. Will, Dr. D. Ll. Williams, Dean E. H. K. Yen.

**Regrets:** Chancellor R. H. Lee, Dr. S. Avramidis, Dr. J. Barman, Dean C. S. Binkley, Mr. P. T. Brady, Dr. D. M. Brunette, Mr. P. G. Chan, Dr. J. Gosline, Rev. J. Hanrahan, Mr. A. G. Heys, Dean M. J. Hollenberg, Mr. J. A. King, Mr. H. H. F. Leung, Professor P. T. K. Lin, Mr. W. B. McNulty, Dr. R. J. Patrick, Rev. W. J. Phillips, Mr. A. A. Raghavji, Professor R. S. Reid, Ms. L. M. Sparrow, Dr. L. J. Stan, Mr. S. C. S. Tam, Mr. B. B. Telford, Dr. E. W. Whittaker, Mr. E. C. H. Woo, Dr. W. C. Wright Jr.

#### Minutes of the previous meeting

*Dr. Autor*

*Dean McBride*

}

*That the minutes of the third regular meeting of Senate for the Session 1994-95, having been circulated, be taken as read and adopted.*

Carried.

#### Chair's remarks and related questions

There were no remarks from the Chair.

## **Reports of Committees of Senate**

### **ADMISSIONS COMMITTEE**

Dr. Will, chair of the committee, presented the following reports:

#### *Appeals on admission*

It was noted in the material circulated that 3 appeals had been granted and 17 denied.

#### *Calendar statement on admission to undergraduate programs requiring prior study*

The committee recommended that the following entry be added to the general admissions section of the Calendar:

Admission requirements for undergraduate programs requiring either substantial progress towards or completion of a prior degree are specified in Calendar entries for the Faculties and Schools offering these programs. Applicants are advised that in some cases a recognized prior degree may not satisfy requirements for specific pre-admission studies.

*Dr. Will*  
*Mr. Lim*

}

*That the Calendar statement on admission to undergraduate programs requiring prior study be approved.*

Carried.

#### *Faculty of Medicine - April MCAT test*

The committee recommended approval of a proposal from the Faculty of Medicine that UBC no longer accept the April MCAT test in the year the student wishes to enter medical school.

*Dr. Will*  
*Mr. Goering*

}

*That UBC no longer accept the April MCAT test in the year the student wishes to enter medical school.*

Carried.

***Faculty of Pharmaceutical Sciences - changes to Calendar statement on admission requirements***

The committee recommended approval of the following changed Calendar statement on admission requirements:

(Third paragraph) The required prerequisite subjects are: Biology 120 (3 credits); Biology 110 (3 credits), or Biology 115 (3 credits), or Biology 12 with a grade of 80% or better; Chemistry 110 (6 credits), or Chemistry 121 (3 credits) and Chemistry 122 (3 credits); six credits of first year English; Mathematics 100 (3 credits) and Mathematics 101 (3 credits); six credits of first year university Physics with a laboratory. Students who have completed Science One, including six credits of English, are eligible to apply.

<i>Dr. Will</i>	}	<i>That the changes to the Calendar statement on admission requirements be approved.</i>
<i>Dean McNeill</i>		

Carried.

***Faculty of Education - changes to Calendar statement on admissions***

The committee recommended approval of proposed Calendar changes approved by the Faculty of Education and amended by the Admissions Committee, under the following headings:

**Advice to Prospective Applicants** (replaces "Recommendations for all Applicants")

-- revised Calendar entry

**Selection Process** (replaces "Selection of Candidates")

-- revised Calendar entry

**Change in Admission Requirement**

Elementary Teaching Programs

Secondary Teaching Programs

-- revised Calendar entries

<i>Dr. Will</i>	}	<i>That the changes to the Calendar statement on admission to the Elementary and Secondary Teaching Programs be approved.</i>
<i>Dr. Kelsey</i>		

Carried.

*Faculty of Education - clarification of Faculty authority to terminate a practicum*

The committee recommended approval of the following change in the Calendar statement concerning the authority of the Faculty of Education to terminate a practicum:

Candidates who begin the Extended Practicum (Education 329, 418, 495, or 496) are not permitted to drop this course from their records. When, in the judgment of the Faculty of Education or the schools hosting their practica, students do not complete their practica satisfactorily, and who qualify for neither a supplemental practicum (see Supplemental Examinations) nor a deferred practicum (see "Deferred Examinations" in the General Information section) will be assigned a failing grade and will be required to discontinue or to withdraw from the program.

<i>Dr. Will</i>	}	<i>That change in the Calendar statement concerning the authority of the Faculty of Education to terminate a practicum be approved.</i>
<i>Dr. Cook</i>		

Dr. Kirkness suggested that the words "ŠFaculty of Education or the schoolsŠ" should read "ŠFaculty of Education and the schoolsŠ". Dean Sheehan agreed with the suggestion, stating that when a student is withdrawn from a practicum it is a decision made in concert with the principal of the school, the cooperating teacher and the faculty involved with the student.

The motion, with the change noted, was put and carried.

*Faculty of Education - admission requirements for the Preparation Program for Career Education Teachers*

The committee recommended approval of the following admission requirements for the Preparation Program for Career Education Teachers:

(a) Admission Requirements and Prerequisites

Applicants seeking admission to UBC as a candidate in the Program of Initial Teacher Education (Secondary) (Career Education) must have completed:

- i. Interprovincial Trades Qualification "Red Seal" (Cook) or equivalent.
- ii. A minimum of 30 credits of arts and science university transfer courses, including 6 credits of English composition and literature and 6 credits of mathematics and/or laboratory science.

Arts and Science Courses: Students in this program may complete their arts and science courses at various institutions. University courses (including university transfer courses) may be completed at other post-secondary institutions (colleges or universities) either through face-to-face instruction or through distance education means. Consistent with practice for other teacher education programs, such courses will not be formally transferred to UBC and students will not receive a B.A. or B.Sc. degree from UBC.

Students are strongly encouraged to develop second teaching subjects by fulfilling the requirements for those subjects as set out under "Secondary Teaching Field Requirements" in the Faculty of Education section of the Calendar.

(b) Courses required to implement the program:

EPSE 306, 317, 311, EDUC 3XX, 496, 316, ENED 426, EDST 314, BUED 410, EDUC 412, CNPS 427, EPSE 423, EDST 42X, EDUC 420, YY- 314, EDUC 496 (total credits 61)

Students may not depart from the sequence of courses specified for the program. Students who do not maintain a cumulative average of 65% will be required to withdraw from the program.

(c) Program Sequence

- a. First Summer Program (11 credits)
- b. Second Summer Program (10 credits)

- c. Winter following Second Summer (9 credits)  
(This practicum will normally be completed on an internship basis by those in regular employ as teachers in the Career Preparation program in B.C. Secondary schools. The internship will be in this teaching field only.)
- d. Third Summer Program (13 credits)  
(Candidates who have completed all of the above (a-d) are eligible for the B.C. Developmental Standard Teaching Certificate issued by the B.C. College of Teachers.)
- e. Fourth Summer Session (12 Credits)
- f. Completed on Personal Schedule: Arts or Science courses required for second teaching subject, or taken as electives (18-21 credits)  
(A minimum of 18 such credits must be upper level courses)  
(Candidates who complete the above additional requirements (e and f) are eligible to apply for a regular Standard Teaching Certificate issued by the B.C. College of Teachers.)
- g. Completed on Personal Schedule  
(This practicum will normally be completed on an internship basis by those in regular employ as teachers in the Career Preparation program in B.C. Secondary schools. The internship will be in both this teaching field and in the individual's selected second teaching subject. To qualify for such an internship, the individual must be teaching at least one-third of a full time-table in this second subject and must have classes in this subject at two or more grade levels.)  
Credits needed to fulfill requirements for B.Ed. (Secondary) 21.  
(Candidates who complete this full program (a-g) are eligible to apply for the B.Ed. (Secondary) and for the B.C. Professional Teaching Certificate.)

*Dr. Will  
Dean Sheehan*

}

*That the admission requirements for the  
Preparation Program for Career Education  
Teachers be approved.*

Carried.

*Faculty of Graduate Studies*

The committee recommended approval of the following admission requirements for the Electro-Mechanical Design Engineering program leading to the degrees B.A.Sc. and M.Eng. in Mechanical Engineering:

Students with a high academic standing and demonstrated interest in design will be selected by interview from the second year class. Students will be required to have and to maintain a cumulative grade average of 74%. In addition, a grade of 60% must be obtained in every course in which the student is involved. In all but six credits of course work in each year a student must obtain at least 68%. Thus, the students will be required to have and to maintain grades required by the Faculty of Graduate Studies for graduate students. Students who do not maintain an adequate average will be required to return to the regular Bachelor of Mechanical Engineering program.

*Dr. Will  
Dean Meisen*

}

*That the admission requirements for the  
Electro-Mechanical Design Engineering  
program leading to the degrees B.A.Sc. and  
M.Eng. in Mechanical Engineering be  
approved.*

Carried.

#### CURRICULUM COMMITTEE (SEE APPENDIX)

Dr. Berger, chair of the committee, presented the following report:

##### *Faculty of Agricultural Sciences*

The committee recommended approval of curriculum proposals from the Faculty of Agricultural Sciences.

##### *Faculty of Arts*

The committee recommended approval of curriculum proposals from the Faculty of Arts, subject to editorial changes and the following:

Geography 449 the course number is not changing to 440

The hours for Geography 391 should read: (3-0-0)

Under Latin-American Studies, Third and Fourth Years, add Geography 395 (3) to list of courses

The hours for History 427 should read: (0-0-2)

The committee also recommended approval of Calendar revisions to Faculty and Program Requirements.

*Faculty of Commerce and Business Administration*

The committee recommended approval of curriculum proposals from the Faculty of Commerce and Business Administration, subject to the deletion of COMM 341 as a prerequisite for COMM 441.

*Faculty of Dentistry*

The committee recommended approval of curriculum proposals from the Faculty of Dentistry, subject to editorial changes to the description of CDSC 404.

*Faculty of Education*

The committee recommended approval of a proposal to delete EADM 460. The committee also recommended approval of a Preparation Program for Career Education Teachers.

*Faculty of Forestry*

The committee recommended approval of curriculum proposals from the Faculty of Forestry, subject to editorial changes to the description of FRST 202.

*Faculty of Graduate Studies*

The committee recommended approval of curriculum proposals from the Faculty of Graduate Studies, subject to the following:



INDS 502 delete course description and change title to read: Interfaculty Themes: Seminars, lectures and discussions involving two or more Faculties.

OCCH 507 delete course description

HCEP 521 add credit designation (3)

PATH 541 vector designation should read [1-2-0, 1-2-0]

PATH 542 vector designation should read [0-6-1, 0-0-0]

In addition to the course proposals, the committee recommended approval of a proposal that the name of the Ph.D. degree program be changed from "Ph.D. in Social Foundations of Educational Policy" to "Ph.D. in Educational Studies."

The committee also recommended approval of the Electro-Mechanical Design Engineering Program, leading to the degrees B.A.Sc. and M.Eng. in Mechanical Engineering. Dr. Berger noted that approval of ELEC 283 (2) Electro-Mechanical Laboratory I and ELEC 383 (2) Electro-Mechanical Laboratory II had been withheld at the May meeting of Senate, pending approval of the program. The committee recommended approval of these courses.

#### *School of Human Kinetics*

The committee recommended approval of curriculum proposals from the School of Human Kinetics, subject to editorial changes.

#### *Faculty of Medicine*

The committee recommended approval of curriculum proposals from the Faculty of Medicine.

With the exception of proposed changes to GEOL 405, which were withdrawn, the committee recommended approval of curriculum proposals from the Faculty of Science, subject to editorial changes. Dr. Berger noted that a proposed change under the heading "English requirement" had been dealt with by the Senate Admissions Committee, and that the Admissions committee would be reporting on this item at the January meeting of Senate.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculties of Agricultural Sciences, Arts, Commerce and Business Administration, Dentistry, Education, Forestry, Graduate Studies, the School of Human Kinetics, and the Faculties of Medicine and Science be approved.</i>
<i>Dr. Randall</i>		

In response to a query by Dr. Grace concerning the committee's recommendation that the title of INDS 502 be changed from Interdisciplinary Themes to Interfaculty Themes: Seminars, lectures and discussions involving two or more Faculties, it was confirmed that the themes will be interdisciplinary.

The motion was  
put and carried.

#### **AD HOC COMMITTEE ON UNIVERSITY ORGANIZATION**

Dr. Shearer, chair of the committee, explained that copies of the second report of the committee had been distributed at the meeting to allow members of Senate time to study the recommendations prior to discussion at the January meeting.

Dr. Shearer reported that the committee had begun consultations on the administrative organization of studies in human health at UBC, and, also, that it has plans to begin a review of the nature and role of the Faculty of Graduate Studies in January.

### **Faculty of Applied Science**

#### **HONOURS STANDING - REVISED CALENDAR STATEMENT**

It was stated in the material circulated that, in order to avoid confusion with the new Dean's Honours List, the term "with Distinction" was preferable to the current "with Honours". The proposed Calendar entry will read: "On graduation students will be granted a degree "with distinction" if they obtain an averageŠ".

<i>Dean Meisen</i>	}	<i>That the revised Calendar statement be approved.</i>
<i>Dr. Isaacson</i>		

### **Faculty of Arts**

#### **REORGANIZATION OF DEPARTMENTS**

The following proposal had been circulated:

1. That the Department of Russian and Slavic Languages and Literatures be dissolved as of June 30, 1995.
2. That the separate Departments of Classics and Religious Studies be dissolved as of June 30, 1995, and that a combined Department of Classical, Near Eastern and Religious Studies (CNRS) be established as of July 1, 1995, to include all members of the previous two departments of Classics and Religious Studies, as well as all courses and programs of both departments.

<i>Dean Marchak</i>	}	<i>That the Department of Russian and Slavic Languages and Literatures be dissolved as of June 30, 1995.</i>
<i>Dr. Grace</i>		

In speaking to the motion, Dean Marchak explained that the Russian language courses were being maintained, and noted that there had been an increase in the number of students taking Russian courses at the 100 and 200 level. The Dean also informed Senate that the Faculty would be maintaining a minor in Russian language. In response to a query, the Dean confirmed that there had been no terminations and that the faculty members concerned had been assigned to other departments.

The motion was  
put and carried.

<i>Dean Marchak</i>	}	<i>That the separate Departments of Classics and Religious Studies be dissolved as of June 30, 1995, and that a combined Department of Classical, Near Eastern and Religious Studies (CNRS) be established as of July 1, 1995, to include all members of the previous two departments of Classics and Religious Studies, as well as all courses and programs of both departments.</i>
<i>Dr. Grace</i>		

Dean Marchak explained that the merging of these two departments was underway before Senate's restructuring proposals were approved; the reasons being that both departments are small and that there is considerable interaction between them in terms of research and shared courses.

The motion was  
put and carried.

**The W. Maurice Young Entrepreneurship and Venture Capital Research Centre**

A proposal that the Entrepreneurship and Venture Capital Research Centre be named "The W. Maurice Young Entrepreneurship and Venture Capital Research Centre" had been circulated. It was explained in the material circulated that Maurice Young's contributions to the Centre go well beyond his extremely generous and continuing financial support. His financial sponsorship allowed the Centre to commence its activities with the comforting knowledge that there was ample funding for at least four years of operation. This certainty of funding allowed the Centre to develop both longer term and shorter term research plans, and in the process map out a comprehensive approach to research, policy and community outreach. Moreover, his financial backing and his ability to obtain for the Centre strong links to and support from the business community, were key elements in the Centre's receiving the \$2.125 million Major Collaborative Research Grant from SSHRCC.

It was felt that Maurice Young's diverse and fundamental contributions to the Entrepreneurship and Venture Capital Research Centre should be recognized through naming the Centre "The W. Maurice Young Entrepreneurship and Venture Capital Research Centre".

*Dr. Birch*  
*Dean Goldberg*

}

*That Senate approve the recommendation that the Entrepreneurship and Venture Capital Research Centre be named "The W. Maurice Young Entrepreneurship and Venture Capital Research Centre".*

Carried.

### **Disestablishment of the Chair in Audiology and Speech Sciences**

It was explained in the material circulated that Senate approved the establishment of the Chair at its meetings of December 11, 1991 and September 16, 1992. At the time the Chair was approved, \$204,000 (including provincial match) had been raised for the endowment. It is now thought to be unlikely that the minimum \$1,000,000 necessary to support a Chair will be raised. The expectation is that \$700,000 will be raised and the income from that endowment will be used to support a Professorship rather than a Chair.

<i>Dr. Birch</i>	}	<i>That the Chair in Audiology and Speech Sciences be disestablished.</i>
<i>Dr. Gilbert</i>		

Carried.

### **Calendar - Exchange Student Category**

Senate was informed that in order to reflect the approval of Canadian student exchange programs and the approval of exchange programs in the Faculty of Commerce and Business Administration, the definition of the "Exchange" category will be changed to: "Exchange: a visiting student studying at The University of British Columbia under a Senate approved student exchange program and enrolled in studies for transfer to a degree program at another university."

### **Academic Year 1995-96**

A draft of the section of the Academic Year for inclusion in the Calendar had been circulated for information.

### **Other Business**

#### **READING BREAK**

Dr. Williams referred to the concern expressed by the Board of Governors that the examination schedule might extend into May, and the motion moved at the previous

meeting that this matter be referred to the Senate Committee on Academic Policy for further examination. Dr. Williams stated that the Registrar's Office had looked at this problem whether or not the examination period extends into May depends upon the date on which we being the second and the time at which Easter occurs. The next time this poses a problem is in the year 2002. The committee did not propose to make any changes to the policies to accommodate such a future occurrence.

For the benefit of those not familiar with the extent to which the committee had examined this problem, Dr. Williams stated that in the previous Senate the committee had looked at the examination periods in the two terms and had brought a motion to the first meeting of the current Senate recommending that the lecture and examination period for each term be equal. At the same time, documentation had been circulated on a selected group of Canadian universities for a particular year, chosen at random. Within that group there were three universities, Toronto, Queen's and Concordia, whose examination schedules for the year chosen extended into May. It did not appear to be a problem for them. Subsequently, a subcommittee of the Academic Policy Committee was established which made two recommendations basically giving Senate a choice; the consequences of both recommendations being made clear at the time they were brought to Senate. Senate therefore made its decision based on the information presented. Dr. Williams suggested that the alternatives for the particular years that pose a problem, such as abolishing the week-long break, to shorten the length of the lecture period, or to shorten the length of the examination period which had recently been shortened for the first time, were not academically sound options. Dr. Williams stated

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*Adjournment*

that he wished to assure Senate and the Board of Governors that the Academic Policy Committee does not reach its decisions in haste, or without due deliberation or broad consultation across the university. He suggested that it was unlikely that anyone, in some flash of inspiration, was going to come up with a modification.

**ELECTRO-MECHANICAL DESIGN ENGINEERING PROGRAM (B.A.SC. AND M.ENG.)**

Referring to the Electro-Mechanical Design Engineering Program, dealt with in the report of the Curriculum Committee, President Strangway observed that this was the first combined five year Bachelor's/Master's program.

Dean Meisen noted that this was the first program of this type in Canada. He stated that in some of the professional disciplines there is so much pressure on the programs that it could eventually lead to the Master's degree being the first professional degree rather than the baccalaureate degree. He noted that the number of credits that make up a particular degree in engineering, for example, far outweigh the typical number of credits in many of the standard four-year programs. The Dean said that, in some sense, this was an experiment which was well justified given the requirements of the market place for students. He stated that he would inform Senate, periodically, on the progress of this venture.

**Adjournment**

The meeting adjourned at 8.45 p.m.

**Next meeting**

The next regular meeting of Senate will be held on Wednesday, January 18, 1995.



## **Appendix**

### **COURSE AND CURRICULUM PROPOSALS**

#### *Faculty of Agricultural Sciences*

Calendar changes:

- English requirement - delete Calendar entry
- Four Year Course Curriculum - change in Calendar entry
- Dean's Honour List - new Calendar entry
- To Third Year Level - change in Calendar entry
- Supplemental examinations - delete Calendar entry
- Requirements for the B.L.A. degree - change in Calendar entry
- Change in program requirement for Second, Third and Fourth Years

New course      AGSC 421 (3) - Topics in Agricultural Sciences

Change          SOIL 417 - change prerequisite

Deletions      Co-operative Education Program  
AGSC 199, 298, 299, 397, 398, 399, 497, 498

#### *Faculty of Arts*

##### Anthropology and Sociology

Changes      SOCI 368, 473 - change in credits, hours

##### Asian Studies

Changes      JAPN 416 - Change in title, prerequisite

New          JAPN 420 (6) Grammatical Analyses of Japanese

##### Creative Writing

Major Program - Change in credits

##### English

Change      ENGL 430 (6) - split into two courses  
              ENGL 430 (3) - A Survey of American Literature to 1900  
              ENGL 439 (3) - Survey of American Literature from 1900 to the  
              Present

**Requirements for the Language Emphasis Program**  
change in program statement

##### Family & Nutritional Sciences

**Requirements for the B.A. Degree**  
Third and Fourth Years - change in program credits

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French

Change in Faculty Requirements

**The Literature Requirement -**

Change in program statements

**Honours**

**French with emphasis on Literature**

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**Notes**

**Diploma**

**Translation**

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**Course of study**

New program - **Minor**

Changes	FREN 414 - change in description
	FREN 419, 422 - change in title
	FREN 480, 482, 484, 486 - change in credits

Geography

Change in program statement

**Requirements for the B.A. Degree**

**Major**

**First and Second Years - change statement**

**Delete Note 1 and change Note 2**

**Third and Fourth Years**

**Honours**

**Third and Fourth Years**

New program - **Minor**

Change entry for **Undergraduate Courses**

Changes	GEOG 121, 122, 290 - change in description
	GEOG 210, 395 - change in title, description
	GEOG 318 - change in number, title, description (formerly 318)
	GEOG 319 - change in number, title, description (formerly 415)
	GEOG 390, 425, 426, 428, 468, 449, 481- change in description
	GEOG 370, 371, 494 - change in title, description, prerequisite
	GEOG 485 - change in number, description, prerequisite (formerly 385)

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	GEOG 493 - change in description, prerequisite
	GEOG 361 - change in number, title, description, prerequisite (formerly 260)
	GEOG 379 - change in number (formerly 322)
	GEOG 345 - change in number, description, hours (formerly 445)
	GEOG 472* - change in title, description, hours
	GEOG 321, 329, 350, 357, 481, 484, 360, 362, 363, 373*, 374, 375, 460, 464, 495 - change in prerequisite
New	GEOG 391 (3) - Geography of Europe GEOG 440 (3) - Power, Knowledge and Human Geography
Deletions	GEOG 320, 330*, 394, 415, 461

Germanic Studies

Change in program description  
**Requirements for the B.A. Degree**

New Program - **Minor**

New                   GERM 331 (3) Business German

Hispanic and Italian Studies

New                   ITST 421 (3/6)d Special Topics in Italian Studies

Change in program requirements

**Hispanic and Italian Studies**  
**Requirements for the B.A. Degree**

**Hispanic Studies**

**Honours - Spanish Language and**

**Honours - Spanish with Emphasis in Spanish or Latin-American Literature**

replace with:

**Honours - Hispanic Studies**

Under **Romance Studies and Languages**, change entry under

**Honours:**

**Romance Languages - Third and Fourth Years**

New programs

**Major - Latin-American Studies**

**Minor- Italian**

**Minor - Spanish**

*Appendix*

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History

- New                    HIST 332 (6) - African-American History  
                         HIST 427 (3) - Seminar in Native History of Canada  
                         HIST 442 (3) - Topics in Technology and Society in History  
                         HIST 475 (3) - First Contacts in the Pacific
- Changes             HIST 125 - change in description  
                         HIST 271 - change in title, description
- Deletions            HIST 122, 203, 207, 208, 314, 325, 443, 482
- Change in **B.A. Degree program requirements**

Political Science

- New                    POLI 326 (3) European Politics: Selected Cases  
                         POLI 327 (3) European Integration  
                         POLI 329 (3) Gender and Politics  
                         POLI 350 (3) Public Policy  
                         POLI 367 (3/6)d International Relations Theory and the  
                         International System
- Changes             POLI 320, 342 - change in title, description  
                         POLI 302 - change in prerequisite
- Deletions            POLI 326, 327

Religious Studies

- Change in program requirements
- Requirements for the B.A. Degree**
- Major - Third and Fourth Years**
- Honours - Third and Fourth Years**
- Add Minor (between Major and Honours)

Russian and Slavic Languages and Literature

- Under **Russian and Slavic Languages and Literature**
- Change in Calendar entries
- Add program
- Requirements of the Minor in Russian language**
- Under **Slavic Area Studies** - change description

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Deletions	RUSS 110, 303, 403
Changes	RUSS 300, 305, 400 - change prerequisites

Women's Studies

Change	WMST 100 - change in number (formerly 222) WMST 322, 324 - change in prerequisite
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Change in program statement

**Major**

Social Work

Changes	SOWK 430, 440 - change in credits, hours
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**Revisions to Faculty and Program Requirements**

*Faculty of Commerce and Business Administration*

New course	COMM 499 (0/3)d Internship
Change	COMM 441 - change in description and prerequisite

*Faculty of Dentistry*

Changes	OMSS 431 - change in credits, description and hours CDSC 404 - change in prefix, title, description and prerequisite
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Deletions	CDSC 712, OMSS 719
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*Faculty of Education*

Deletion	EADM 460
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Preparation Program for Career Education Teachers

(b) Courses required to implement the program:

EPSE 306, 317, 311, EDUC 3XX, 496, 316, ENED 426, EDST 314, BUED 410,  
EDUC 412, CNPS 427, EPSE 423, EDST 42X, EDUC 420, YY- 314, EDUC 496  
(total credits 61)

Students may not depart from the sequence of courses specified for the program. Students who do not maintain a cumulative average of 65% will be required to withdraw from the program.

(c) Program Sequence

- a. First Summer Program (11 credits)
- b. Second Summer Program (10 credits)
- c. Winter following Second Summer (9 credits)  
(This practicum will normally be completed on an internship basis by those in regular employ as teachers in the Career Preparation program in B.C. Secondary schools. The internship will be in this teaching field only.)
- d. Third Summer Program (13 credits)  
(Candidates who have completed all of the above (a-d) are eligible for the B.C. Developmental Standard Teaching Certificate issued by the B.C. College of Teachers.)
- e. Fourth Summer Session (12 Credits)
- f. Completed on Personal Schedule: Arts or Science courses required for second teaching subject, or taken as electives (18-21 credits)  
(A minimum of 18 such credits must be upper level courses)  
(Candidates who complete the above additional requirements (e and f) are eligible to apply for a regular Standard Teaching Certificate issued by the B.C. College of Teachers.)
- g. Completed on Personal Schedule  
(This practicum will normally be completed on an internship basis by those in regular employ as teachers in the Career Preparation program in B.C. Secondary schools. The internship will be in both this teaching field and in the individual's selected second teaching subject. To qualify for such an internship, the individual must be teaching at least one-third of a full time-table in this second subject and must have classes in this subject at two or more grade levels.)

Credits needed to fulfill requirements for B.Ed. (Secondary) 21.

(Candidates who complete this full program (a-g) are eligible to apply for the B.Ed. (Secondary) and for the B.C. Professional Teaching Certificate.)

*Faculty of Forestry*

B.Sc. (Forestry) Wood Science and Industry Major - program changes

New courses	WOOD 110 (2) - Introduction to Wood Science
	WOOD 120 (3) - Introduction to Wood Products Industry
	WOOD 241 (3) - Problem Solving
	WOOD 242 (3) - Introduction to Business Statistics and Quality Control

*Appendix*

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New courses	WOOD 271 (3) Wood Products Chemistry I WOOD 272 (3) Wood Products Chemistry II WOOD 282 (3) Wood-Fluid Treatments
Changes	WOOD 280 - change in title, description and prerequisite WOOD 376 - change in description and prerequisites FRST 415 - change in prerequisite FRST 202, 203 - change in description FOPR 363, 463 - change in title and description
Deletion	FRST 411

B.Sc. Natural Resources Conservation - program changes

Deletion	CONS 299
Change in program introductory description	

*Faculty of Graduate Studies*

Audiology and Speech Sciences

Deletions	AUDI 510, 511, 543, 544
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Biochemistry and Molecular Biology

Change	BIOC 530 - change in credits.
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Educational Studies

New	AAHE 533 (3) - Planning in Educational Organizations
Deletion	HIED 512

Name of the Ph.D. degree program changed from Ph.D. in Social Foundations of Educational Policy to Ph.D. in Educational Studies.

Graduate Studies

New	INDS 502 (1-6)d - Interfaculty Themes: Seminars, lectures and discussions involving two or more Faculties
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Health Care and Epidemiology

Changes	HCEP 519 - change in description, prerequisite HCEP 521 - change in title, description HCEP 539 - change in prerequisites
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Appendix

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Mechanical Engineering

New Program      Electro-Mechanical Design Engineering leading to the degrees  
B.A.Sc. and M.Eng. in Mechanical Engineering

New                MECH 551 (8) - Advanced Machine Design Project  
MECH 552 (6) - Electro-Mechanical System Design Project

Occupational Hygiene Program

New                OCCH 507 (3) - Research Methods in Exposure Assessment and  
Epidemiology  
OCCH 530 (2-6)d - Directed Studies

Pathology

New                PATH 541 (3) - Histopathology  
PATH 542 (3) - Techniques in Cell Culture

*School of Human Kinetics*

Calendar changes

Supplemental examinations      change in Calendar entry to reflect that supplemental  
examinations are not granted for HKIN courses

Change            HKIN 455 - change in description

*Faculty of Medicine*

Health Care and Epidemiology

Deletion           HCEP 455

Interdepartmental

Change            INDE 421 - change in description

Medical Microbiology

Change            MMIB 427 - change in hours



### ***Faculty of Science***

New program: Minor - an optional Minor program comprising courses taken in another Faculty may be completed as part of a B.Sc. degree only in conjunction with a Major program in Science. The Minor allows students to focus their non-Science electives in a single subject or field of specialization. A Minor must be completed in a subject or field other than one offered in the Faculty of Science.

There are two types of Minor programs - a Minor in Arts and a Minor in Commerce

Changes in Calendar statements under the following headings:

Registration and Program Approval; Second, Third and Fourth-Year Students; Credit; Faculty Requirements; General Graduation Requirements; Students are responsible...; Science Requirement; Arts Requirement; Upper-level Requirement; Other Credit; Transfer Credit; First Year Requirements; Science One Program; Failed Standing; Required to Discontinue: Illness and Compassion; Supplemental Examinations not offered in any courses in the faculty of Science; Dean's Honour List; Veterinary Medicine; General Science Program.

### **Biochemistry**

Program changes

### **Biology**

Deletion           BIOL 400

Changes           BIOL 305, 334 - change in title, description, prerequisite  
                      BIOL 335 - change in title and description

Program changes

### **Chemistry**

Deletion           CHEM 262

### **Computer Science**

Deletions          CPSC 111, 118

New course       CPSC 122 (3) - Principles of Computer Programming

Changes           CPSC 126, 128 - change in description and prerequisite  
                      CPSC 302, 303 - change in prerequisite

### **Environmental Sciences**

Program changes

*Appendix*

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Freshwater Science

Change FWSC 300 - change in credits, description and hours

Geology

Deletions GEOL 416, 445, 447

Changes GEOL 202, 302, 335 - change in description  
GEOL 312 - change in description

New GEOL 313 (3) Earth and Life through Time  
GEOL 446 (3) Fossil fuels

Program changes

Geophysics

Change GEOP 232 - change in description and prerequisite

Mathematics

Changes MATH 220, 223 - change in prerequisites  
MATH 335 - change in title and prerequisite  
MATH 443 - change in description and prerequisite

New MATH 210 (3) Introduction to Mathematical Computing

Program changes

Microbiology

Deletion MICB 200, 325, 405, 411, 417

New MICB 201 (3) - Introductory Microbiology  
MICB 202 (3) - Introductory Medical Microbiology and  
Immunology  
MICB 322 (3) - Microbiological Techniques I  
MICB 323 (3) - Microbiological Techniques II

Program changes

Oceanography

Deletion OCGY 316

Changes OCGY 308 - change in title and description  
OCGY 309 - change in title, description and prerequisite

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*Appendix*

Physics

- Deletion            PHYS 307
- Changes            PHYS 140 - change in number, credits, description hours (now 141)  
                      PHYS 156 - change in number (now 157)  
                      PHYS 211 - change in title and description  
                      PHYS 308 - change in hours  
                      PHYS 309 - change in credits and hours  
                      PHYS 440 - change in number, credits, title and description (now  
                      420)
- New                PHYS 142 (3) - Energy Use and the Environment
- Program changes

Statistics

- Program changes