



THE UNIVERSITY OF BRITISH COLUMBIA
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VANCOUVER SENATE

MINUTES OF DECEMBER 13, 2000

Attendance

The Fourth Regular Meeting of the Senate of the University of British Columbia for the Session 2000/01 was held on Wednesday, December 13, 2000 at 8:00 p.m. in Room 102, George F. Curtis Building.

Present: President M. C. Piper (Chair), Vice President B. C. McBride, Dr. P. Adebar, Mr. R. Affleck, Dr. J. D. Berger, Dean J. Blom, Mr. P. T. Brady, Mr. P. T. Burns, Dr. H. M. Burt, Ms. E. J. Caskey, Ms. T. Chung, Dr. D. Fisher, Dr. J. H. V. Gilbert, Dean F. Granot, Mr. E. Greathed, Dr. S. W. Hamilton, Ms. M. Hassen, Dr. A. G. Hannam, Rev. T. J. Hanrahan, Dr. P. E. Harding, Dr. J. Helliwell, Dean M. Isaacson, Dr. C. Jillings, Dean M. M. Klawe, Dr. S. B. Knight, Dr. B. S. Lalli, Dr. V. LeMay, Mr. T. P. T. Lo, Mr. R. W. Lowe, Ms. Y. Lu, Dr. D. M. Lyster, Mr. M. MacEntee, Dr. P. L. Marshall, Dr. W. R. McMaster, Mr. W. B. McNulty, Dean D. Muzyka, Dr. P. N. Nemetz, Ms. J. Parry, Dr. J. Perry, Dr. W. J. Phillips, Mr. G. Podersky-Cannon, Mr. H. Poon, Dean M. Quayle, Ms. C. Quinlan, Dr. V. Raoul, Dr. H. J. Rosengarten, Dr. C. Shields, Dr. C. E. Slonecker, Dr. R. C. Tees, Dr. J. R. Thompson, Dean R. J. Tierney, Dean A. Tully, Mr. D. R. Verma, Dr. D. Ll. Williams, Dr. R. A. Yaworsky.

By invitation: Dr. N. Guppy, Dr. D. Holm.

Regrets: Dr. W. L. Sauder (Chancellor), Dean F. S. Abbott, Dr. R. W. Blake, Ms. E. Blewett, Dean J. A. Cairns, Mr. T. C. Y. Chan, Ms. J. Dennie, Ms. K. Gammon, Dr. R. Goldman-Segall, Dr. D. Granot, Mr. H. D. Gray, Ms. J. Hutton, Ms. S. Iwagami, Dr. D. D. Kitts, Mr. J. Kondopulos, Ms. P. Liu, Ms. V. G. Mirehouse, Dr. G. N. Patey, Dr. T. F. Pedersen, Ms. K. Riecken, Dean J. N. Saddler, Dr. K. Schonert-Reichl, Mr. A. F. Sheppard, Dr. D. Sjerne, Ms. L. M. Sparrow, Dr. B. Stelck, Mr. D. Tompkins, Mr. D. Visser, Mr. B. Warren, Ms. K. Wilker, Dr. R. J. K. Wilson, Dean E. H. K. Yen.

Senate Membership

The President welcomed the following new members of Senate:

1. Ex officio
Dr. John N. Saddler
Dean, Faculty of Forestry

2. Student Representative

Ms. Jennifer M. Parry, Faculty of Applied Science.

Members of Senate responded with a round of applause.

Minutes of the Previous Meeting

The following corrections were made to the Minutes of the meeting of November 15, 2000:

1. Page 12487: delete Dr. M. MacEntee from the list of members present;
2. Page 12504: move the notation "(2 opposed)" from the results of the motion to refer to the results of the motion to approve.

<i>Dr. Tees</i>	}	<i>That the Minutes of the meeting of November 15, 2000 be adopted as corrected.</i>
<i>Dean Tully</i>		

Carried.

Business Arising from the Minutes

ENROLMENT 2000/01 (PP. 12508-9)

Referring to the report on enrolment circulated by the Registrar at the November 2000 meeting, Dr. Williams drew attention to the fact that the percentage of male enrolment in UBC programs had been steadily decreasing, perhaps as part of a national trend. The percentage of total male enrolment had been 47% in 1992, 46% in 1995, 44% in 1999, and 43% in 2000. He cited engineering as the only area where a high percentage of males was consistently enrolled, while nursing (5.6%) and education (31%) enrolled the lowest numbers of male students.

LECTURE START-TIME CHANGE PROPOSAL (PP. 12496-504)

Mr. Brady pointed out that the proposal to change lecture start times had included two possible changes to the Thursday 12:30 p.m. to 2:30 p.m. break between classes: moving it to 12:00 p.m. to 2:00 p.m., or shortening it to 90 minutes and scheduling it between 12:30 p.m. and 2:00. Mr. Brady asked which option the Senate had approved. The Registrar responded that Senate had not

yet approved either arrangement, but that a proposal was to come forward from the Academic Policy Committee.

Dr. Knight
Mr. Brady

}

That the Vice President Academic prepare and present a progress report related to the Lecture Start-Time Change Proposal for consideration at the November 2001 Senate meeting.

Carried.

Chair's Remarks and Related Questions

VISIT TO TORONTO

The President described a recent visit to Toronto by a UBC delegation including the President and many of the Deans. The group hosted an alumni event attended by both Alan Fotheringham and John Turner. A President's Circle event for major donors was held in the evening. The group also met individually with a variety of constituents having interest in UBC. The President remarked that such visits assist in raising UBC's profile in Central and Eastern Canada.

ROBSON SQUARE CAMPUS

The President reported that the University had recently signed a ten-year lease for approximately 80,000 square feet of space in the Convention Centre area of Robson Square. Renovations were to begin in the near future, with the intent that programs would be offered at the downtown campus beginning in September 2001. Participants were to include the Faculty of Commerce and Business Administration, Continuing Studies, and the Women's Resources Centre. The President invited proposals that would lend themselves well to the UBC presence in Robson Square. The President thanked Barry McBride, Jane Hutton, Stanley Hamilton, Doug McArthur, Derek Atkins, and Daniel Muzyka, who had all been instrumental in securing this space.

MAJOR GIFTS TO UBC

The President reported on two recent gifts to UBC. The first, from the Royal Bank, was a significant gift to the Department of Economics to sustain its professors. The President remarked that this gift is particularly appropriate considering UBC's goal to retain its faculty members. The President thanked John Helliwell for his work in securing this gift.

The second gift was from the Chapman Family. The gift included a donation to help create the Learning Commons in the Main Library, as well as a \$1 million endowment in support of *Trek 2000* volunteers working on the Downtown East Side. The President thanked Catherine Quinlan for her hard work and extraordinary vision.

Academic Policy Committee

CHANGES TO THE CALENDAR ENTRIES ON EXAMINATIONS, ACADEMIC CONCESSION AND GRADING POLICY

Dr. Tees presented the following report as Chair of the Committee.

Following discussion with the Associate Deans for Student Services, I recommend a number of changes to entries in the **Academic Regulations** section of the Calendar. These changes will:

- clarify the intent and application of the academic concession policy
- require instructors to give written guidelines at the start of each course, outlining how grades will be assigned and explaining what students should do if they are unable to do assigned work because of illness or for other reasons
- clarify what students and instructors should do when students are unable to complete assigned work or miss tests, other than the formal exams scheduled in December and April.

The relevant entries in the current Calendar are:

Examinations (Calendar, page 46, on the web at:
<http://www.student-services.ubc.ca/publications/pub/calreg/049.htm#1115345>)

Grading Practices (page 47, on the web at:
<http://www.student-services.ubc.ca/publications/pub/calreg/0410.htm#1111351>)

Academic Concession entry (page 49, on the web at:
<http://www.student-services.ubc.ca/publications/pub/calreg/0416.htm#1110912>)

The recommended changes are:

1. Revise the first paragraph of **Examinations** as follows:

Formal examinations are held in most courses. These are scheduled in official examination periods in December and April for Winter Session courses. Other tests are held at the discretion of the instructors and faculties concerned. All prescribed examinations are mandatory. Students who miss an examination, or are unable to complete other tests or graded work, because of medical, emotional or other problems, should follow the procedures for requesting Academic Concession (see Academic Concession) as soon as possible.

2. Add the following to **Grading Practices**, immediately after the table of percentage and letter grades:

Instructors are responsible for providing written guidelines to all students at the start of each course, outlining how the final grade for the course will be arrived at, and including any related policies such as arrangements that may be made for students who are unable to complete tests or other graded work because of short term illness or for other reasons. Guidelines made available on the Web meet this requirement (students who are unable to access the Web should ask their instructor to provide these guidelines in an alternate format).

3. Revise the first paragraph of **Academic Concession** as follows:

The University encourages all students to complete their course work and degree programs. Students who are suffering from medical, emotional or other problems which adversely affect their attendance or performance in a course or program should follow the procedures below, and should notify the Office of their dean or director, or their instructors, as soon as possible if they intend to request academic concession.

4. Add a new second paragraph to **Academic Concession**:

Students absent from final examinations held in the official examination periods must request academic concession from the Office of their dean or director. Students who are absent at other times, or are unable to complete tests or other graded work because of short term illness or for other reasons, should normally discuss with their instructors how they can make up for missed work, according to written guidelines given them at the start of the course (see Grading Practices). Instructors are not required to make allowance for any missed test or incomplete work that is

not satisfactorily accounted for. Students also have the right to request academic concession from their dean or director's office.

5. Change the first sentence of the present second paragraph (new third paragraph) of **Academic Concession**, as follows:

Students who wish to request academic concession from the office of their dean or director must apply to the office as close as possible to the time their attendance is adversely affected.

6. Revise the last sentence of the second paragraph as follows:

The academic concessions that may be granted include the following: permission to drop or withdraw from a course after the normal deadlines (see Change of Registration), Aegrotat standing or Deferred standing (see Grading Practices), and withdrawal from the University (see Withdrawal).

7. Revise the third paragraph to read:

If permission is given to drop or withdraw from a course, any refund of fees will be in accordance with normal policy (see Refund of Fees).

8. Delete the last two paragraphs of the present **Academic Concession** entry.

The proposed changes make the wording in the Examinations, Grading Practices and Academic Concession entries consistent (e.g. the wording "tests or other graded work" is used consistently in each entry). They require clear guidelines in every course, outlining how final grades will be arrived at and how short term absences, missed or late assignments, etc. are handled. They provide for a discussion between the student and instructor after a student is absent, or misses a test, assignment, lab etc., as part of the academic concession process. They give students who are not able to reach an agreement with the instructor the explicit right to request academic accommodation from their dean or director's Office. The reference to "permission to drop a course" has been expanded to include withdrawal, and clarified by a reference to the normal deadlines.

A complete version of the Academic Concession entry, with the proposed revisions, follows:

Academic Concession

The University encourages all students to complete their course work and degree programs. Students who are suffering from medical, emotional or other problems which adversely affect their attendance or performance in a course or program should follow the procedures below, and should notify the office of their dean or director, or their instructors, as soon as possible if they intend to request academic concession.

Students absent from final examinations held in the official examination periods must request academic concession from the office of their dean or director. Students who are absent at other times, or are unable to complete tests or other graded work because of short term illness or for other reasons, should normally discuss with their instructors how they can make up for missed work, according to written guidelines given them at the start of the course (see Grading Practices). Instructors are not required to make

allowance for any missed test or incomplete work that is not satisfactorily accounted for. Students also have the right to request academic concession from their dean or director's office.

Students who wish to request academic concession from the office of their dean or director must apply to the office as close as possible to the time their attendance is adversely affected. The University, in considering these requests or any appeals of decisions on academic concession, will not normally take into account untimely notifications. When a student requests academic concession, he or she will be asked to provide such evidence as is deemed appropriate. If there is a medical problem, the student should submit a Statement of Illness obtained from the Student Health Service or the attending physician. The student may be asked to provide additional information. Academic concessions are granted only by the dean or director and are a privilege not a right. The academic concessions that may be granted include the following: permission to drop or withdraw from a course after the normal deadlines (see Change of Registration), Aegrotat standing or Deferred standing (see Grading Practices), and withdrawal from the University (see Withdrawal).

If permission is given to drop or withdraw from a course, any refund of fees will be in accordance with normal policy (see Refund of Fees).

Students in good academic standing who are permitted to withdraw from the University may apply to re-enrol in the program from which they withdrew. Application to re-enrol must be made by the published application deadline for the program. A student permitted to withdraw may be told the time period during which an application to re-enrol will be permitted. A medical certificate may be required to satisfy the University that the student is ready to continue studies.

<i>Dr. Tees</i>	}	<i>That the proposed revisions to the Academic Concession and Grading policies be accepted.</i>
<i>Dr. Berger</i>		

In response to a query from Mr. Greathed, Dr. Tees clarified that students who were unable to complete their coursework due to illness should first approach their instructor. Students who are not satisfied with the instructor's proposed solution may then approach their respective Dean or Director.

There was a discussion about the presentation of policy revisions to the Senate. Mr. Podersky-Cannon suggested that, where possible, both the present and proposed policies be circulated to members of Senate for purposes of comparison. Dr. Tees stated that he would accommodate this request where possible.

In response to a query from Dr. Adebar, Dr. Tees explained that all instructors would become responsible for distributing written documentation on their academic concession policies at the beginning of each course. Instructors would be under no obligation to accommodate students who had not satisfactorily followed those policies.

The motion was
put and carried.

Admissions Committee

Dr. Lyster presented the reports, as Chair of the Committee.

AGRICULTURAL SCIENCES: B.SC. (FOOD NUTRITION AND HEALTH), DIETETICS MAJOR

Present Calendar Entry 2000/2001 in web version only at: <http://www.student-services.ubc.ca/publications/pub/calreg/1220.htm>

Admission to the Dietetics major is limited to students who have completed 30 credits of university or college coursework, which must include English (3 credits), Biology 121, and Chemistry 111/112 or 121/122, or their equivalents. Six credits in Social Science (PSYC 100 or SOCI 100 or equivalent) are recommended. Admission is based on an academic standing of at least 70% calculated on 30 credits of university or college courses including pre-requisite courses. Due to enrolment limitations, the academic standard required for admission may be higher than the published minimum.

Proposed Calendar Entry: (Changes in Bold)

Admission to the Dietetics major is limited to students who have completed 30 credits of university or college coursework, which must include English (3 credits), Biology 121, **Biology 140** and Chemistry 111/113 or 121/123, or their equivalents. Six credits in Social Science (PSYC 100 or SOCI 100 or equivalent) are recommended. Admission is based on an academic standing of at least 70% calculated on 30 credits of university or college courses including pre-requisite courses. Due to enrolment limitations, the academic standard required for admission may be higher than the published minimum.

Rationale:

This change is essentially an editorial one. When the admission statement for this program was submitted last year as part of the changes in the Faculty's programs, we attempted to reflect the changes that were being made in the Biology program. As such, the former Biology 120 was changed to Biology 121. However, with this change in Biology, the laboratory became a separate course (Biology 140). It was always the intent to have the equivalent to the former Biology 120, which now is Biology 121 PLUS Biology 140.

In our own information this correction has been reflected.

Effective Date: As soon as possible

Dr. Lyster
Dean Quayle

}

That the proposed change to the admission statement for the B.Sc. (Food, Nutrition and Health), Dietetics major be approved.

Carried.

AGRICULTURAL SCIENCES: BACHELOR OF SCIENCE (GLOBAL RESOURCE SYSTEMS)

Present Calendar Entry (2000/2001 Calendar, page 104, column 2, paragraphs 3 and 4)

Admission to the International Resource Systems (IRS) program is restricted. To be considered for admission, students are required to have a minimum academic standing of at least 70%. However, achievement of this minimum does not guarantee admission if the number of applicants exceeds the number of places available. The average will be calculated on the best 21 credits of post-secondary courses required by the IRS program.

Students can apply to the program after completing 21 credits from the first year courses (or their equivalent) listed below.

Note: UBC Senate has approved the change of name from International Resource Systems to Global Resource Systems, and has approved the change of degree from B.Sc. (Agr.) to B.Sc. (GRS).

Present Calendar Entry (web: www.student-services.ubc.ca/publications/pub/calreg/12121.htm)

Admission

Students should refer to Undergraduate Admission. Students may gain admission directly from secondary school or transfer from a recognized university or college with a minimum of 24 credits, or as mature students.

For admission to the Bachelor of Science in Global Resource Systems program, students from Grade 12 British Columbia schools must meet the general University admission requirements and must have completed English 11 and 12; Social Studies 11; an approved language 11; Mathematics 11 and 12; at least two of Biology 11, Chemistry 11 and Physics 11; one of Chemistry 12, Physics 12, Biology 12, Geology 12; a course chosen from among the approved examinable Grade 12 courses.

To be considered for admission to the Global Resource Systems (GRS) program students are required to have an academic standing of at least 70%, calculated on the best 21 credits of courses required by the GRS program. due to enrolment limitations, the academic standard required may be higher than the published minimum.

Students can apply to the program after completing 21 credits from the first year courses (or their equivalent) listed below.

Proposed Calendar Entry:

Students can apply to the GRS program after completing 24 credits of first year university-level courses. To be considered, students are required to have a minimum academic standing of at least 70% (or 2.80 on a 4-point scale). Achievement of this minimum,

however, does not guarantee admission if the number of applicants exceeds the number of places available. Students are advised to complete first year requirements as listed below.

Rationale:

The former IRS program was an option within the B.Sc.(Agr.) degree. As such, admissions to IRS were carried out within the Faculty of Agricultural Sciences. However, with the replacement of this option by the new B.Sc.(GRS) degree, admission to the GRS program will be carried out by UBC Admissions. This necessitates a streamlining of the former admission practice. The proposal has the following advantages:

- 1. It removes the references to direct admission from BC secondary schools, because admission cannot occur until after first year of university level courses.*
- 2. It changes the first year credits required for applying from 21 to 24, which is the UBC standard for transfer students.*
- 3. It removes the statement that "The average will be calculated on the best 21 credits of post-secondary courses required by the IRS program." For some courses, it was not clear whether they were required by the program or not. The implication of removing this statement is that the average for students applying to GRS will be calculated on all post-secondary courses taken, which is the UBC standard for transfer students.*

Effective Date: November 24, 2000

Dr. Lyster
Dean Quayle

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That the proposal to adapt admission requirements for the B.Sc. (Global Resource Systems) be approved.

Carried.

AGRICULTURAL SCIENCES: TRANSFER FROM ENVIRONMENTAL STUDIES DIPLOMA (LANGARA COLLEGE) TO BACHELOR OF SCIENCE (GLOBAL RESOURCE SYSTEMS)

Present Calendar Entry (page 104, columns 1-3)

UBC Senate has approved the change of name from International Resource Systems to Global Resource Systems, and has approved the change of degree from B.Sc. (Agr.) to B.Sc. (GRS).

Proposed Calendar Entry: (changes in bold)

Students who successfully complete the Environmental Studies Diploma program at Langara College, and gain admission to UBC and the Global Resource Systems (GRS) undergraduate program, will receive transfer credit for 60 credits into the GRS program if they have (1) satisfied first year requirements of the GRS program in biology, chemistry, economics, English and mathematics; (2) completed UBC course AGSC 250 or equivalent; and (3) completed 6 credits of language relevant to the regional specialization. They will be able to finish the GRS program with the further 61 credits required.

Rationale:

Environmental Studies (ES) is a highly recognised two-year diploma program offered by Langara College. The program includes courses in applied ecology, environmental law, contemporary environmental issues and a field school with emphasis on practical techniques. Sixty credits are required for the diploma. All courses taken in the program carry university transfer credit.

Royal Roads University allows holders of the ES diploma (with at least five of seven electives taken in Biology, Chemistry, Mathematics, or Statistics) full block transfer into third year of the Bachelor of Science Degree.

Students who successfully complete the ES diploma program with high grades will be ideal candidates to continue at UBC and pursue the Bachelor of Science in Global Resource Systems degree. To facilitate this, the Faculty of Agricultural Sciences will grant students who gain admission to UBC and the GRS program a block transfer of 60 credits into the GRS program. This block transfer will be formalized in a MOU between the Faculty of Agricultural Sciences, UBC and the Department of Interdisciplinary Studies, Langara College.

Note that this proposal is not for a block transfer to UBC for ES diploma holders. That effectively already exists, although UBC Admissions uses a course by course transfer. The ES diploma holder will end up with 60 credits transferred to UBC because all courses in the ES diploma program are university transfer.

This proposal is for a block transfer of 60 credits to the Global Resource Systems undergraduate program in the Faculty of Agricultural Sciences. This will make it feasible for an ES diploma holder to complete the requirements for the B.Sc. (GRS) degree in two academic years as a UBC student.

Effective Date: October 10, 2000

Dr. Lyster
Dean Quayle

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That the proposed Calendar entry on Transfer from the Environmental Studies Diploma (Langara College) to the UBC Global Resource Systems program be approved.

Carried.

COMMERCE AND BUSINESS ADMINISTRATION: UNSATISFACTORY PERFORMANCE

Change - Unsatisfactory Performance - Undergraduate Level

Present Calendar Entry under the heading "Unsatisfactory Performance" (2000/01 Calendar, page 174-175):

1. Students will be required to discontinue study in the Faculty for at least one year if they are:
 - a. enrolled in a minimum of 27 credits and the average in all courses including any failures is below 60%, or
 - b. enrolled in a minimum of 27 credits and fail in 12 or more credits, or
 - c. enrolled in 12 to 26 credits and fail one-third or more of those credits, or
 - d. enrolled in 11 (or fewer) credits and fail in half or more of those courses.

Proposed Calendar Entry under the heading "Unsatisfactory Performance" (Changes in Bold)

Students will be required to discontinue study in the Faculty for at least one year if:

- a. The average in all courses taken in any year, including any failed courses, is below 60%.

In addition, students admitted to the first year in Commerce through Direct Entry will be required to discontinue study in the Faculty for at least one year if:

- b. The grade in either of the two required first year English courses is below 60%, or
- c. The average in the two required first year Math courses is below 60%, or
- d. The average in the two required first year Economics courses is below 60%.

Rationale:

Changes to correct misprint in the Calendar, to simplify the rules, and to accommodate Direct Entry into Commerce in first year (which will be implemented in Sept. 2001).

Effective Date: September 2001

Dr. Lyster
Dean Muzyka

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That the proposal regarding unsatisfactory performance be approved.

Carried.

COMMERCE AND BUSINESS ADMINISTRATION: ELECTIVES

Change - Electives - Undergraduate Level

Present Calendar Entry (2000/01 Calendar, page 175 column 3):

Electives

Electives are chosen to complement the choice of option as well as to broaden the student's general education. Many senior level courses require junior prerequisites so students should select lower level electives carefully. At least nine credits of 300- or 400-

level electives must be taken in a faculty other than Commerce and Business Administration in the third and fourth years combined. Eighteen of the 24 elective credits in the third and fourth years, whether Commerce or non-Commerce, must be at the 300-level or higher. Any exceptions must be approved by the Commerce Undergraduate Program Office. Students should refer to the Commerce Undergraduate Program Guide to verify which electives are appropriate.

Proposed Calendar Entry: (Changes in bold)

Electives

Electives are chosen to complement the choice of option as well as to broaden the student's general education. Many senior level courses require junior prerequisites so students should select lower level electives carefully. At least nine credits of 300- or 400-level electives must be taken in a faculty other than Commerce and Business Administration in the third and fourth years combined. **At least twelve** of the 24 elective credits in the third and fourth years, whether Commerce or non-Commerce, must be at the 300-level or higher. Any exceptions must be approved by the Commerce Undergraduate Program Office. Students should refer to the Commerce Undergraduate Program Guide to verify which electives are appropriate.

Rationale:

Many Commerce students want to study languages, computer science and math. The current policy prevents students from doing so, since these often require more than 6 credits at the 200 level as pre-requisites for 300 and 400 level courses. The proposed change will give students more flexibility to study in their area of choice when selecting electives.

Effective Date: September 2001

Dr. Lyster	}	That the proposal regarding electives be approved.
Dean Muzyka		

Carried.

COMMERCE AND BUSINESS ADMINISTRATION: DEAN'S HONOUR ROLL

Change - Dean's Honour Roll - Undergraduate Level

Present Calendar Entry (2000/01 Calendar, page 174 column 3):

Dean's Honour Roll

The words "Dean's Honour Roll" will be placed on a student's transcript if an average of 80% or better has been achieved in the program of an academic year of at least 30 credits in second year and 27 credits in third and fourth years. To qualify, a student must pass all courses.

Proposed Calendar Entry: (Changes in Bold)

Dean's Honour Roll

The words "Dean's Honour Roll" will be placed on a student's transcript if an average of 80% or better has been achieved in the program of an academic year of at least 30 credits in second year, 27 credits in third and fourth years. **Students in a co-operative education program who are registered at UBC for only one term in Winter Session because of a co-op placement must be in a program of 15 credits for that term.** To qualify, a student must pass all courses.

Rationale:

The current policy pre-dates co-op programs in the Faculty of Commerce, and excludes any students in a coop program from eligibility for the Dean's Honour Roll. The change will allow co-op students to be included in the Dean's Honour Roll based on their one academic term each year.

Effective Date: September 2001

Dr. Lyster	}	That the proposal regarding the Dean's Honour Roll be approved.
Dean Muzyka		

Carried.

SCIENCE: DOUBLE MAJOR IN SCIENCE AND ARTS

Addition of Double Major in Science and Arts

Present Calendar Entry (page 351, col. 1):

BACHELOR OF SCIENCE

Double Major. This program involves specialization in two fields. Students in this program will have to complete the degree requirements of two departments. It may lead to graduate study if sufficiently high standing is obtained.

Proposed Calendar Entry:

BACHELOR OF SCIENCE

Double Major. This program involves specialization in two fields. Students in this **option** will have to complete the degree requirements of two **programs in Science or one in Science and one in Arts**. It may lead to graduate study if sufficiently high standing is obtained.

Present Calendar Entry (page 352, col. 2-3):

REGISTRATION AND PROGRAM APPROVAL

Second, Third and Fourth-Year Students

Students entering second and subsequent years must select a Major, Honours, General or Integrated program (and a Minor program if they choose this option) as outlined by the Faculty of Science. Students seeking admission to the Integrated Sciences Program (ISP) must submit a formal application after completing 60 credits. For more informa-

tion on the ISP, see "Integrated Sciences Program" on page 374. Students intending to do a Double Major must select one of the Majors upon entry into their second year and the other before the start of their third year. Unless students are registered in a specific program their academic records cannot be adjudicated for graduation. Program specialization codes are provided with the description of the program requirements. Students not meeting the academic standing required for compulsory courses in a given program may be required to withdraw from that program. In many instances changes from one program to another are possible in later years. Changes in program may result in lengthening the time to complete the Bachelor of Science. Returning students are encouraged to obtain program advice before the end of Term 2. All study programs are subject to approval by the department(s) concerned. With the approval of the Dean, departments may require, as a prerequisite for entering a program, that a student obtain at least 60% in a specified first-year course basic to the field of the Major, unless special permission is received from the head of the department.

Proposed Calendar Entry:

Students entering second and subsequent years must select a Major, Honours, General or Integrated program as outlined by the Faculty of Science.

Students seeking admission to the Integrated Sciences Program (ISP) must submit a formal application after completing 60 credits (see "Integrated Sciences Program" on page 374).

Students intending to do a Double Major in Science must select one of the Majors upon entry into their second year and **then obtain approval** for the other before the start of their third year. **A form is available from the Dean's Office for this purpose; it requires approval of advisors in both Major areas and of the Dean.**

Students intending to do a Double Major in Science and Arts must obtain approval from the Dean of Science in their first year and then select their Science Major upon entry into second year and their Arts Major upon entry into third year (see Program Requirements on page 356). Interested students are encouraged to plan first- and second-year courses so as to meet the prerequisite requirements for the desired Major areas concurrently (see pages 131-162 for Arts, pages 351-386 for Science).

Students intending to do a Minor in Science or Arts must obtain approval before the start of their third year. A form is available from the Dean's Office for this purpose; it requires approval of advisors in the Major and Minor areas and of the Dean. Students intending to do a Minor in Commerce must apply in second term of their second year (see Minor Programs on page 358).

Unless students are registered in a specific program their academic records cannot be adjudicated for graduation. Program specialization codes are provided with the description of the program requirements.

Students not meeting the academic standing required for compulsory courses in a given program may be required to withdraw from that program. In many instances changes from one program to another are possible in later years. Changes in program may result in lengthening the time to complete the Bachelor of Science. Returning students are

encouraged to obtain program advice before the end of Term 2 (Winter Session). All study programs are subject to approval by the department(s) concerned.

With the approval of the Dean, departments may require, as a prerequisite for entering a program, that a student obtain at least 60% in a specified first-year course basic to the field of the Major, unless special permission is received from the head of the department.

Present Calendar Entry (page 354, col. 2):

DEGREE REQUIREMENTS

GRADUATION REQUIREMENTS

An Honours or...credits.

A Minor program...specialisation.

A Double Major program...two years.

In order to graduate...programs.

Students are...involved.

A student who...Science.

Proposed Calendar Entry:

Change the third paragraph:

A Double Major in Science program...two years.

Add a new paragraph after the Double Major in Science:

A Double Major in Science and Arts requires a minimum of 120 credits, but in most cases will require more. Students who are in the Double Major program must satisfy all degree requirements for a Bachelor of Science Major in one area. As far as the Arts Major is concerned a student need only satisfy any remaining Faculty of Arts and program requirements for the Bachelor of Arts Major. Courses may satisfy requirements for both programs. Students should endeavour to satisfy lower-level course prerequisites for both programs in their first two years.

Present Calendar Entry (page 356, col. 1-2):

SECOND, THIRD AND FOURTH YEAR REQUIREMENTS

Proposed Calendar Entry:

The section is being renamed "Program Requirements" as part of a larger change. The relevant change here is the addition of a new paragraph after "Double Major Program" (which becomes "Double Major in Science Program").

Double Major in Science and Arts Program

Students must satisfy all degree requirements for a Bachelor of Science Major in one program, including all Faculty of Science requirements. As far as the Arts Major is concerned a student need only satisfy any remaining Faculty of Arts and

program requirements for the Bachelor of Arts Major. Courses may satisfy requirements for both programs. Students should endeavour to satisfy lower-level course prerequisites for both programs in their first two years.

Students in the following B.Sc. Major programs may not complete a B.A. Major in the same subject: Geography, Mathematics, Mathematical Sciences, Psychology.

Rationale:

The Faculty of Science wishes to cooperate with the Faculty of Arts to broaden the degree options for students in both faculties. Currently it is possible for a student to fulfill the requirements for a Major in Science and another Major in Arts within 120 credits in certain limited combinations of Majors and within 129 credits for many more combinations. This proposal recognizes the value of removing barriers between our disciplines and makes possible the listing of two Majors in different faculties on the student's transcript. There is some duplication of information but it is deemed necessary to clearly delimit this new option from the existing similar option.

Effective date: May 1, 2001

Dr. Lyster

Dr. Tees

}

That the admissions changes from the Faculty of Science be approved.

Carried.

REPORT OF THE TASK FORCE TO REVIEW EXCHANGE ABROAD PROGRAMS

Exchange Abroad Programs

The Senate Admissions Committee struck a task force having the following mandate:

To propose to the Senate Admissions Committee recommendations regarding the procedures for the formal establishment of new exchange agreements, the ongoing administration of approved agreements, and the review of existing agreements. The committee should consider other issues it deems relevant and should pay particular attention to the Richards' report on EAP. The Senate Admissions Committee is looking for recommendations that speak more to the operation of the program as opposed to the philosophy of the program.

Committee Membership: Neil Guppy (Chair), Katherine Beaumont, Paul Harrison, Larry Sproul, Margaret Nicholson, Polina Hristov, Robert Dies

I. Establishment of New Exchange Agreements

Issues: New exchange agreements are not being approved because the Senate Admissions Committee needs clarification on the three issues:

1. The criteria for assessing new exchange partnerships
2. The information provided on potential partner institutions
3. A process of reviewing existing agreements

Issues related to points 1 and 2 on new exchange agreements are clarified below.

Two types of exchange agreements are possible: i) encompasses the whole University, and ii) restricted to very distinguished individual programs. Prior to recommending that Senate approve a new exchange agreement, the Senate Admissions Committee must be satisfied that the potential partner institution meets a substantial subset of the following general criteria:

1. Criteria for assessing exchange partnerships

- Partners are academically rigorous peer institutions with international reputations which complement UBC
- Partners demonstrate values consistent with UBC principles and policies
- Partners have strong support from their leadership/administration for student exchange
- Partners demonstrate commitment to international education as evidenced by faculty research and areas of work, programs of study and student services
- Partners offer complementary academic programs (matching academically what UBC can offer students or complementing UBC offerings to add academic value to student experience)
- New partners add value to current exchange opportunities by offering to UBC students a new or expanded geographic area in which to study, a new or expanded discipline(s) of study, or a strong combination of work and study abroad
- Potential exists for a reciprocal flow of students between the partners
- Agreement requires clear terms of implementation, expansion/contraction and review
- The partnership complements other international arrangements of both institutions.

These criteria are intended to ensure that all students, faculty, and staff at both institutions will find the partnership mutually beneficial.

2. Information on partner institutions / exchange partnerships

In light of the above criteria, material prepared for the consideration of the Senate Admissions Committee when proposing a new exchange partnership should include the following:

- Background / history of development of the proposed agreement
- Rationale for agreement
- Specific details / conditions of implementation (dates, number of students, etc.)
- Evidence of the quality of Partner Institution
- Summary of the range of academic programs offered by Partner Institution (i.e., Faculties, Schools and Institutes)
- Evidence of Partner Institution's support for exchange students (Exchange Office, Housing, etc.)
- Language of Instruction / Requirements for exchange students

- Testimony on the proposed partnerships from colleagues who are knowledgeable about the partner institution, whether in person to the Senate Admissions Committee, or in writing

The UBC International Liaison Office "Checklist for Linkage Agreements" may be helpful to colleagues wishing to propose exchange partnerships.

Implications of signing an exchange agreement include:

- UBC accepts most course work successfully completed at partner schools for credit toward UBC degree requirements
- UBC accepts incoming exchange students as nominated by the Partner University who have been briefed on UBC standards
- Partners will work from mutual trust ensuring positive, appropriate images of each other and clear communication paths

II. On-going Administration of Exchange Programs

The committee agreed that there was a need to increase communication and co-operation among the various key players in the administration of Exchange Programs. To clarify the processes for the administration of Exchange Programs and Partnerships, and acknowledging that some of the major responsibilities overlap units and will require co-operation and co-ordination, the Committee suggests the following roles for various groups.

Admissions

- Transfer credit (varying levels of Faculty involvement, in consultation with SEP)

Faculties/Faculty Members

- Selecting outbound students in partnership with SEP
- Advising / approving outbound students' academic programs
- Reviewing transfer credits / course equivalencies as necessary
- Facilitating and promoting exchange opportunities for students
- Assisting incoming students with course selections

Student Exchange Program (SEP)

- Selection of incoming / outgoing students in partnership with Faculties
- Orientation, advising, preparation and support of incoming and outbound students
- Promotion of Exchange Program(s)
- Co-ordination / administration of Exchange Programs

- Input into preparation of Exchange partnership proposals (suitability of partners, partner support of Exchange Programs, specific details / conditions of implementation, etc.)
- Review of agreements and programs

Exchange Abroad Programs Advisory Committee

- Policy and practice advice to Assistant Director (Student Exchange), International Student Services (SEP)

International Liaison Office (ILO)

- Liaison with potential international partners, UBC faculty, and SEP regarding initiation and negotiation of exchange partnerships
- Co-ordination and development of proposals for exchange partnerships in consultation with SEP
- Bring forward proposed Exchange Agreements to Senate Admissions Committee for approval
- Involvement as appropriate in monitoring and evaluating agreements, and in helping to resolve any policy or practical problems which may arise
- Co-ordination and maintenance of information on UBC's international linkages and exchange agreements (i.e., signing, distributing and archiving agreements, database of partnerships, web site)

Senate Admissions Committee

- Review proposed exchange agreements / partnerships
 - i. Recommend approval to Senate
 - ii. Request additional information / refinement of agreement
- Advise on exchange programs where appropriate
- Receive an annual summary report of the outcomes of review for that year

III. Process for reviewing agreements

We need to review existing agreements at the following times and in the following ways.

1. All students who return from an exchange program must complete an assessment of their study abroad experience. A key question on this assessment ought to be something like "Knowing what you now know about this institution, would you choose to study there again if the opportunity arose? If not, why not?" In the annual review of these assessments, the UBC Student Exchange Office will monitor negative responses and bring any sustained negative assessment to the attention of the ILO.
2. Any faculty member who has concerns about academic standards upon assessing transfer credit for courses that students returning from exchange have taken should report these concerns to the Associate Dean responsible for EAP within the Faculty. The Associate Deans should, on their judgement, ensure the information is relayed

to the Chair of the Senate Admissions Committee and the Assistant Director (Student Exchange), International Student Services.

3. Other units on campus (e.g., Admissions, Awards and Financial Aid, International House, Housing) having concerns about exchange students should ensure these are relayed to the Student Exchange Office. As appropriate, these concerns ought to be noted in the files of partner institutions.
4. On a regular basis, (i.e., every three to five years), the Assistant Director (Student Exchange), International Student Services should systematically review the student assessments, the partner institution files, and credit transfers for particular institutions. Any problems should be identified and resolved, with the assistance of the ILO if necessary. Unresolved issues should be reported to the Chair of the Senate Admissions Committee or the EAP Advisory Committee, as appropriate.
5. When reviewed, agreements will be examined with respect to the criteria set out in I-1. Agreements not conforming to the criteria will be dropped.
6. If no UBC students have studied at a particular partner institution over a five-year period, that exchange agreement should be dropped from our partnership list unless there are compelling reasons to retain the partnership. The ILO will handle this process, after review by the Senate Admissions Committee.
7. Any action involving a substantial change to an exchange agreement, or the ending of an exchange agreement, must be done in consultation with the International Liaison Office because this office has the responsibility to monitor the multifaceted agreements that many institutions have with UBC.
8. Receive an annual report.

Dr. Lyster explained that the Admissions Committee would begin to review exchange abroad programs under these new criteria. New programs would be brought to Senate for approval.

Mr. Brady offered congratulations to the Task Force, particularly for establishing a process for reviewing exchange agreements. He asked for clarification about the statement that partners should "demonstrate values consistent with UBC principles and policies."

Dr. Guppy responded that desirable exchange partners would share UBC's focus on research, would value international experience for students, would share UBC's learning principles, and would have adequate course support for UBC students. In response to this discussion, the Senate agreed to amend the statement to read, "Partners demonstrate **academic** values consistent with UBC principles and policies."

There was some discussion about whether the report of the Task Force should be received by Senate for information, or presented for approval.

<i>Dr. Lyster</i>	}	<i>That the Report of the Task Force to Review Exchange Abroad Programs be accepted with the amendment noted above.</i>
<i>Mr. Brady</i>		

Carried.

Curriculum Committee

Please see 'Appendix A: Curriculum Summary.'

Dr. Berger presented the reports, as Chair of the Committee.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

<i>Dr. Berger</i>	}	<i>That the curriculum proposals from the Faculty of Commerce and Business Administration be approved.</i>
<i>Mr. McNulty</i>		

Carried.

FACULTY OF LAW

<i>Dr. Berger</i>	}	<i>That the curriculum proposals from the Faculty of Law be approved.</i>
<i>Dean Blom</i>		

Carried.

FACULTY OF MEDICINE

Dr. Berger explained that the proposal would address the second term of the fourth year in the revised M.D. program.

<i>Dr. Berger</i>	}	<i>That the curriculum proposals from the Faculty of Medicine be approved.</i>
<i>Mr. Greathed</i>		

Carried.

FACULTY OF SCIENCE

Dr. Berger outlined each of the proposals. In response to a query from Ms. Lu regarding course requirements for Biochemistry, Dr. Berger responded that there was some provision for accommodating students transferring into the program who had difficulty meeting the specific course requirements. Often such students would be required to do extra work.

<i>Dr. Berger</i>	}	<i>That the curriculum proposals from the Faculty of Science be approved.</i>
<i>Dean Klawe</i>		

There was some discussion about the proposed course ISCI 448. Dr. Williams asked whether it was necessary to have a directed studies course with an ISCI subject code, or whether students could be accommodated under existing directed studies courses in the Faculty of Science. Ms. Lu added that, as an Integrated Sciences student, she would prefer the ISCI subject code.

Dr. Knight asked whether the Faculty of Law had been consulted regarding the proposed new course ISCI 411: Risk. Dr. Berger responded that the title of this course had been changed editorially to "Risk and Scientific Uncertainty" to denote its much narrower focus as compared to courses taught in the Faculty of Law and the Faculty of Commerce and Business Administration.

Carried.

SCHOOL OF HUMAN KINETICS

<i>Dr. Berger</i>	}	<i>That the proposals from the School of Human Kinetics for new minors in Arts and Science be approved.</i>
<i>Dean Klawe</i>		

Carried.

Student Awards Committee

Please see 'Appendix B: New Awards.'

Dr. Thompson presented the new awards for approval. He stated that the awards listed represented \$200, 000 per year for UBC students.

Dr. Thompson	}	<i>That the awards listed be accepted and recommended for approval by the Board of Governors, and that letters of thanks be sent to the donors.</i>
Dr. Rosengarten		

Carried.

Tributes Committee

ACADEMIC REGALIA

Dr. Helliwell presented the following proposals for academic regalia.

1. School of Library, Archival and Information Studies
 - a. Joint Master of Archival Studies/Master of Library and Information Studies
Hood of cadmium yellow lining with blue and silver twisted cord;
 - b. Master of Arts in Children's Literature
Hood of university blue lining with cadmium yellow cord.

Rationale:

The Master of Library and Information Studies degree is distinguished by a gown lined by cadmium yellow. The Master of Archival Studies is complemented by a gown lined with university blue accompanied by a silver and cadmium yellow twisted cord. The recommendations noted above will provide a common thread among the School's four programs.

2. Faculty of Agricultural Sciences
 - a. B.Sc. (Agroecology)
Hood of maize lining with gold and green twisted cord.
 - b. B.Sc. (Food, Nutrition and Health)
Hood of maize lining with gold and white twisted cord.
 - c. B.Sc. (Global Resource Systems)
Hood of maize lining with gold and blue twisted cord.

Rationale:

Earlier this year, the Faculty of Agricultural Sciences developed three new degree programs. Senate, and more recently, the NPRC approved them.

Dr. Helliwell
Mr. Burns

}

*That the recommendations of the Tributes
Committee concerning academic regalia be
approved.*

Carried.

MEMORIAL MINUTES

Dr. Helliwell presented the following memorial minutes for members of Senate who had recently passed away.

Joseph E. Kania

1901 - 2000

Dr. Joseph Kania immigrated to British Columbia from Vienna in 1913 prior to WWI. His family settled in the Rossland/Trail region and he began working at Cominco in 1916. He was encouraged to take up Engineering by a group of the UBC students that worked in the smelter. Dr. Kania received his B.A.Sc in geological engineering in 1926 and his M.A.Sc in 1928. He completed his Ph.D at MIT in 1930.

He began an academic career at the University of Illinois (Urbana) but was required to return to Vancouver in 1932 because of U.S. Immigration Laws. He was employed by Pemberton Securities where he created and headed a research office. Dr. Kania soon became a top salesman and stayed with that company for 44 years. He taught Engineering Economics to graduating engineering students at UBC from 1945-1958. Dr. Kania also served as a member of the UBC Senate for 17 years and was Chair of the Alumni Higher Education Committee.

He was an active community supporter for the YMCA, Vancouver Board of Trade, and the BC Chamber of Commerce. He was also a dedicated supporter of UBC and regularly attended university events over the past 50 years.

Michael Smith

1932 - 2000

Michael Smith was born in Blackpool, England. He received his undergraduate and graduate education at the University of Manchester and immigrated to Canada as a research fellow in 1956. He joined the Department of Biochemistry at UBC in 1966 as a Career Investigator of the Medical Research Council of Canada. His research in Nucleic Acids and Genetics led to the development of a research technique - site directed mutagenesis. This technique is used in understanding the functions of genes and proteins in medical and biological research and in modifying genes and proteins to

create new products in the biotechnology industry. For this innovative work, Michael Smith was awarded the Nobel Prize in Chemistry in 1993.

Dr. Smith's academic career entailed excellence in research, graduate education, leadership in innovation, and a commitment to human welfare and scientific education. He founded the UBC Biotechnology Laboratory in 1987 and was its Director until 1996. He was also a founding Scientific Leader of the Protein Engineering Network of Centres of Excellence and the Director of the Genome Sequence Centre at the BC Cancer Agency. His scientific leadership and collegial nature attracted many outstanding scientists to UBC and established this University as one of the leading centres for genomic research in North America.

Michael Smith was also an ardent supporter of other causes in science and society. He was committed to the support of the Schizophrenia Society of Canada, the Canadian Alliance for Research on Schizophrenia, the Society for Canadian Women in Science and Technology, and a program for elementary school teachers provided by Science World BC. He also served UBC in many capacities beyond his research activities including a three-year term in the UBC Senate from 1981-84.

In addition to his Nobel Prize, he received many awards and honours, including: Companion of the Order of Canada, Order of British Columbia, Gairdner Foundation International Award, University Killam Professor, Peter Wall Professorship, Royal Bank Award, Fellowships in the Royal Societies of Canada and London, and a Foreign Associate of the National Academy of Sciences, USA. His international recognition and prestige honour his contributions to science, academia and human welfare. UBC's reputation as a research university was markedly enhanced by Michael Smith's contributions to our academic community. We shall be eternally grateful for his life and work at UBC.

Dr. Helliwell

Dr. Rosengarten

}

That the memorial minutes for Joseph E. Kania and Michael Smith be entered in the Minutes of Senate.

Carried.

Report from the Vice President, Academic and Provost

UPDATE ON TEACHING QUALITY, EFFECTIVENESS AND EVALUATION

Vice President McBride circulated the following report for the information of members of Senate. He recalled that the Report of the ad hoc Committee on Teaching Quality, Effectiveness and Evaluation had been received by the Senate one year earlier. The Report had generated considerable discussion, and a number of the recommendations were sent back to the Committee of

Deans for further discussion. Vice President McBride had been asked to report back to Senate on how the Deans planned to implement the recommendations in the report.

The greatest concern among Deans was that UBC should not adopt a "one size fits all" approach to teaching evaluation. Vice President McBride emphasized that useful and effective teaching methods are very diverse across the Faculties, and that this diversity is reflected in how UBC evaluates teaching principles and practices.

Update on Teaching Quality, Effectiveness and Evaluation

The Report of the Senate Ad Hoc Committee on Teaching Quality, Effectiveness, and Evaluation was discussed at the December 1999 meeting of Senate. The following motion was passed:

Moved by Dr. Gilbert; seconded by Dean Klawe

"That Senate accept recommendations 3, 4, and 7 - 12, and; that Senate instruct the Deans to report to the Vice-President, Academic and Provost with respect to the possible implementation of Recommendations 1, 2, 5, and 6, and; that the Vice-President, Academic report back to Senate."

I am reporting back to Senate at this time, as the motion requested. Recommendations 1, 2, 5, and 6 have been discussed at the Committee of Deans and the following actions have resulted:

1. That the "Common elements on Student Evaluation of Teaching Forms" (Appendix B of the original report) should be included on all appropriate UBC evaluation forms (Action: VP Academic and Provost).

As the Ad Hoc Committee noted in its original report, the majority of teaching evaluation forms currently used at UBC contain a common set of questions. It was felt that the extent of shared questions was sufficient. It was also felt that the diversity of teaching and learning formats across the university suggested that a more decentralized method of evaluation would be more sensitive to the issues of relevance in particular units. As well, as Senate pointed out, the Ad Hoc committee had not considered the financial costs of this change.

2. That "Effective Teaching Principles and Practices" (Appendix C in original report) be adopted by Faculties as the basis for their criteria of effective teaching (Action: Deans).

"Effective Teaching Principles and Practices" was intended as a basis for establishing criteria of effective teaching. Deans agreed to refer the document to colleagues at the Department/School/Division level, or to the Faculty as a whole. These Principles and

Practices are also available on the Web site of the Centre for Teaching and Academic Growth.

5. That a short diagnostic evaluation of teaching (for the instructor's own purposes) be given to students after about 25% of a course is completed (Action: Deans/Heads/Directors).

It was agreed that Deans would encourage colleagues to use some form of mid-term course evaluation. This form of evaluation ought to be very flexible and meet the needs of both students and instructors.

6. That academic units, alone or in combination, have or use existing credit courses on effective teaching for graduate students, and especially for graduate student teaching assistants (Action: Deans)

It was agreed that Deans would encourage this as part of any new curriculum changes. Such courses are available through the Centre for Teaching and Academic Growth and, for international students, through Continuing Studies. For many years the Faculty of Education has offered College and University Teaching [EPSE 506 (3)]. Several Departments and Faculties have introduced courses on effective teaching for graduate students over the past several years (e.g., Mathematics, Faculty of Agricultural Sciences) and many other units have similar types of seminars and workshops, although on a non-credit basis.

Report of the University Librarian

[Note: the text of this report is not included in the Minutes. Copies are available from the Manager, Secretariat Services.]

Ms. Quinlan presented the Report of the University Librarian to the Senate for the 1999/2000 year, and highlighted four of the Library's activities over the previous year.

STRATEGIC PLAN

The Library had developed a strategic plan that was circulated widely on campus. *Further Learning and Research: A Strategic Plan for the UBC Library* was available on the Library's website (<http://www.library.ubc.ca/home/planning.html>). The Library had moved into the implementation phase, and Ms. Quinlan stated that the Library was determined to move forward on the issues identified in the Plan, and that an update on the implementation would be circulated in the near future.

THE WALLACE B. AND MADELINE H. CHUNG COLLECTION

Ms. Quinlan drew attention to the spectacular donation of the Wallace B. and Madeline H. Chung Collection, which had since been designated as a national treasure by the Canadian Culture Property Export Review Board. The Library was very proud to receive this gift on behalf of UBC, and had planned an official opening to take place in April 2001.

CASE STATEMENT FOR A UNIVERSITY LEARNING CENTRE

The Library had developed a case statement for a University Learning Centre and enhanced Library space in July 1999. A portion of the gift from the Chapman Family, as mentioned by the President under "Chair's Remarks and Related Questions," had been designated to assist with the development of the Learning Commons, one of the components of the University Learning Centre. Ms. Quinlan hoped that the University Learning Centre would become a focal point not just for the Library, but also for the entire campus.

ACCESS TO ELECTRONIC RESOURCES

Ms. Quinlan reported that UBC had signed a number of licenses for access to electronic resources which restrict such access to UBC students and staff. For many years, people at teaching hospitals have not had access due to license restrictions. A recent agreement with three members of the Council of University Teaching Hospitals had extended access to this group of users as a pilot project. Nearing the end of the pilot project, there was interest in extending and expanding the project.

RESEARCH AND THE LIBRARY

The Librarian stated that she had recently met with Associate Deans, Research to discuss the impact of UBC's growing research programs on the Library. There was great interest in ensuring

that, as research programs expand, the Library is recognized as an important part of research infrastructure.

In response to a query from Mr. Greathed, Ms. Quinlan stated that UBC alumni have access to the Library through an agreement with the Alumni Association. Users who are not affiliated with UBC are welcome to use most resources within the Library, but may not sign out materials or have access to some licensed electronic resources.

Report from the Registrar

[Note: the text of this report is not included in the Minutes. It is available at the following URL: <http://students.ubc.ca/publications/academicyeardraft/>.]

Dr. Spencer presented the draft dates for the 2001/02 academic year for the information of members of Senate. There was some discussion about the relatively short break between the end of examinations on December 20, 2001 and the beginning of Term 2 classes on January 2, 2002. Some members of Senate felt that students would prefer a longer break between the two terms, even if this meant shortening the one-week midterm break scheduled in February. Dr. Spencer explained that Senate had discussed this issue at its September 1994 meeting, when two scenarios had been presented: the first scenario was to lengthen the break between the two terms, while the second scenario was to lengthen the February midterm break to one full week. Senate had approved the second scenario, which results in an early start in two of every seven years.

[Note: In response to this discussion, the start date for Term 2 in January 2002 has been changed from Wednesday, January 2, to Thursday, January 3, 2002.]

Other Business

DR. RICHARD A. SPENCER, REGISTRAR

The President announced that Dr. Spencer was attending his last meeting of Senate as Registrar. Dr. Spencer served as a representative of the Faculty of Applied Science from 1981 to 1988, and as Registrar and Secretary of Senate from 1988 to 2000. The President thanked Dr. Spencer for his nearly 20 years of dedicated commitment to the Senate, and presented a certificate of appreciation along with a gift. Members of Senate offered a standing ovation.

Dr. Spencer responded that it had been a pleasure to have served as both a member of Senate and as the Secretary. He thanked members of Senate for expressing their appreciation.

Tributes Committee - in camera

EMERITUS STATUS

Please see 'Appendix C: Candidates for Emeritus Status.'

Dr. Helliwell had circulated a list of candidates for emeritus status, which had been approved by the Tributes Committee.

*Dr. Helliwell
Dr. Nemetz*

}

*That Senate approve the recommendations of
the Tributes Committee with respect to
emeritus status.*

Carried.

Adjournment

There being no further business, the meeting was adjourned.

Next meeting

The next regular meeting of Senate will be held on Wednesday, January 17, 2001 at 8:00 p.m.

Appendix A: Curriculum Summary

CATEGORY 1 CHANGES FOR SENATE APPROVAL

Commerce and Business Administration

New courses: COMM 336, 435, 464.

Law

Program changes: Reinstatement of LAW 470 as a compulsory upper year course, and changes to the Part-time LL.B. Program.

Medicine

Course deletion: INDE 452.

New courses: INDE 450, 453.

Program changes: Phase VI of the MD Program.

Science

New courses: CHEM 113, 123, 233, 235, EOSC 110, 112, ISCI 411, ISCI 448, MATH 180, 184, 361, 462, MICB 203, 404, 406, 412.

Course deletions: BIOL 130, CHEM 352.

Course changes: BIOL 140, BIOL 426 (becomes BIOL 465 and 466), CHEM 201, 202, 203, 204, 205, 251, 304, ENVR 200, 300, ENVR 400 (becomes 449), MATH 100, 102, 104, 120, 121, 335, MICB 322, 323.

PROGRAM CHANGES:

Faculty of Science Regulations

1. p. 106-7: delete Bachelor of Science Nutritional Sciences Major;
2. p. 351: add Double Major Program in Science and Arts to Double Major Entry;
3. p. 352: add new paragraph on broader based admission, changes to Admission entry;
4. p. 354: replacement of sections on Failed Standing, Required to Discontinue, and Required to Withdraw with a new section entitled Continuation Requirements;
5. p. 354: replace entry on Academic Concession;
6. p. 354: revise Degree Requirements, Graduation Requirements;
7. p. 354: revise English Requirement;
8. p. 355: replace First-Year Requirements with Lower-Level Requirements;
9. p. 356: replace Second, Third and Fourth Year Requirements with Program Requirements;
10. p. 356: revise Promotion Requirements.

Biochemistry

1. Revise Major (0244): Biochemistry (BIOC).

Biology

1. Revise First Year Course Options.

Computer Science

1. Add Honours and Combined Honours;
2. Revise enrolment restriction information.

Earth and Ocean Sciences

1. Delete Major (0073) Geological Sciences (GEOL);
2. Delete Major (0001) Geophysics (GEOP);
3. Delete Major (1083) Oceanography (OCGY) Geophysics (GEOP);
4. Insert Major: Earth and Ocean Science.

Environmental Sciences

1. Revise admission statement.

School of Human Kinetics

Program changes: New Minor in Arts and new Minor in Science.

Appendix B: New Awards

ASSOCIATION of B.C. Professional Foresters Graduating Prize in Forestry-Prizes totalling \$500 have been endowed by the Association of B.C. Professional Foresters FORESTRUST. The award is made to an undergraduate student with the best graduating thesis and/or the best graduating essay in the Faculty of Forestry. The award may be split to provide \$300 for the best thesis and \$200 for the best essay. The award is made on the recommendation of the Faculty of Forestry. (Partial funding available 2000/2001 Winter Session)

ASSOCIATION of B.C. Professional Foresters Scholarship in Forestry-A \$1,500 scholarship has been endowed by the Association of B.C. Professional Foresters FORESTRUST. The award is made to an undergraduate student who is entering second year in the Forest Resources Management program. It is awarded to a student who exhibits a combination of academic achievement and extracurricular involvement and is made on the recommendation of the Faculty of Forestry. (Available 2001/2002 Winter Session)

BULL Housser & Tupper Prize in Business Law-A \$1,250 prize is offered by Bull Housser & Tupper to a student with high standing in an advanced course in Business Law. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

BULL Housser & Tupper Prize in Corporations II-A \$1,250 prize is offered by Bull Housser & Tupper to a student with high standing in Corporations II. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

BULL Housser & Tupper Prize in Technology Law-A \$1,250 prize is offered by Bull Housser & Tupper to a student with high standing in a course in Technology Law. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

BULL Housser & Tupper Prize in Torts-A \$1,250 prize is offered by Bull Housser & Tupper to a student with high standing in Torts. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

Jennifer Forest CADHAM Memorial Award-A \$1,000 award is offered by Fred J. Cadham and family in memory of Jennifer Forest Cadham to a student completing first year of the LL.B. program who has demonstrated a commitment to criminal law and social justice. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

Stuart CLYNE Prize in Labour Law-A \$500 prize is offered by Harris & Company, Barristers and Solicitors, to a student with high standing in Labour Law. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

George and Julie DE LANGE Bursary in Medicine-Bursaries totalling \$800 have been endowed through a bequest by Dorothy Adele de Lange. The awards are offered to third year students in the M.D. program in the Faculty of Medicine. (Partial funding available 2000/2001 Winter Session)

ENGINEERING Physics 50th Anniversary Scholarship-Scholarships totalling \$1,200 have been endowed to commemorate Engineering Physics 50th Anniversary. The awards are offered

to students in Engineering Physics and are made on the recommendation of the Director of Engineering Physics. (Available 2000/2001 Winter Session)

JENKINS Marzban Logan Scholarship in Law-A \$1,000 scholarship is offered by Jenkins Marzban Logan, Barristers & Solicitors, to an outstanding student entering first year Law. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

D.C. & H.L. KNIGGE Scholarship in Nursing-Three scholarships of \$1,000 each have been endowed by D.C. and H.L. Knigge for undergraduate students entering each of second, third and fourth year Nursing. The awards are made on the recommendation of the School of Nursing. (Partial funding available 2000/2001 Winter Session)

David MACAREE Memorial Scholarship in English-A \$3,800 scholarship has been endowed by Mary Macaree for a student in Eighteenth Century English studies who is entering the Ph.D. program or who is admitted to candidacy. The award is made on the recommendation of the Department of English in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

MARIA-HELENA Foundation Bursary-Bursaries totalling \$680 have been endowed in memory of Mara (Maria) Mahovlic and Helena Fast by their families and friends. The awards are offered to students in any program and year or study. (Partial funding available 2000/2001 Winter Session)

NATIONAL Education Initiative Gerhard Kress Memorial Scholarship-Scholarships totalling \$870 have been endowed by the members of the National Education Initiative in memory of Gerhard Kress. The awards are offered to undergraduate students in the Wood Products Processing program with preference given to students from outside of the province of British Columbia. The award is made on the recommendation of the Faculty of Forestry (Partial funding available 2000/2001 Winter Session)

William, Sadie and Edwin ROWAN Bursary in Medicine-Bursaries totalling \$80,000 have been endowed through a bequest by Edwin Rowan. The awards are offered to students in the Faculty of Medicine. (Available 2000/2001 Winter Session)

William, Sadie and Edwin ROWAN Scholarship in Medicine-Scholarships totalling \$40,000 have been endowed through a bequest by Edwin Rowan. The awards are offered to students in the Faculty of Medicine and are made on the recommendation of the Faculty. (Available 2000/2001 Winter Session.)

St. John's College Itoko Muraoka Fellowship-Fellowships totalling \$16,000 have been endowed through a bequest by Itoko Muraoka. The awards are offered to students in the Faculty of Graduate Studies who are residents of St. John's College and are made on the recommendation of the Faculty. Recipients are known as St. John's Scholars. (Available 2001/2002 Winter Session)

St. John's College George Shen Fellowship- A fellowship of \$15,000 has been endowed in honour of George Shen. The award is offered to a student in the Faculty of Graduate Studies who

is a resident of St. John's College and is made on the recommendation of the Faculty. Recipients are known as St. John's Scholars. (Available 2001/2002 Winter Session)

Ed SHUTER Scholarship-A \$1,200 scholarship has been endowed by the family of Ed Shuter and is offered to a student entering second year of graduate studies in the Department of Chemistry. The scholarship is made on the recommendation of the Department in consultation with the Faculty of Graduate Studies. (Partial funding available 2001/2002 Winter Session)

Norma SIGURDSON Memorial Bursary-Bursaries totalling \$3,000 have been endowed by her husband Harold Sigurdson in memory of Norma Esther Sigurdson (nee Benson), a Canadian of Icelandic descent who maintained a life-long interest in matters Icelandic. The bursaries are offered to students in any year or faculty who are making satisfactory progress in their studies. (Available 2001/2002 Winter Session)

STIKEMAN Elliott Scholarship-A \$1,000 scholarship is offered through the law firm of Stikeman Elliott to a student in the LL.B. program who achieves high academic. The award is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

Jon STROM Bursary in Pharmaceutical Sciences-Bursaries totalling \$1,500 have been endowed by Jon Strom for students in Pharmaceutical Sciences. (Partial funding available 2000/2001 Winter Session)

Andy and Julie SUN Scholarship in Asian Studies-Scholarships totalling \$1,500 have been endowed by Andy and Julie Sun for students in Asian Studies. The awards are made on the recommendation of the Department of Asian Studies and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Partial funding available 2000/2001 Winter Session)

VANCOUVER Sun David Baines Scholarship in Journalism-A \$3,800 scholarship has been endowed by Vancouver Sun reporter, David Baines, for a student in the Master of Journalism program specializing in business journalism. The award is made on the recommendation of the School of Journalism in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

WARD-ESSOP Scholarship-Scholarships totalling \$3,200 have been endowed through a bequest by Joyce M. Kulpa in memory of her sister, Frances Lucy Ward, and of her sister's husbands, Joseph Essop and Danny Ward. The scholarships are offered to undergraduate students in any year or faculty. (Partial funding available 2000/2001 Winter Session)

J.K. ZEE Memorial Fellowship in Electrical and Computer Engineering-A \$12,000 fellowship has been endowed in memory of J.K. Zee by family and friends. The award is offered to a graduate student in Electrical and Computing Engineering. The award is made on the recommendation of the Department of Electrical and Computer Engineering in consultation with the Faculty of Graduate Studies. (Available 2001/2002 Winter Session)

Approved by Senate Committee on Student Awards
November 14, 2000

Appendix C: Candidates for Emeritus Status

The Tributes Committee recommends that the following people be granted emeritus status.

Name	Proposed Rank (effective December 31, 1995)
Head, Ivan	Professor Emeritus of Law
Name	Proposed Rank (effective June 30, 2000)
Bass, Frederic	Clinical Associate Professor Emeritus of Health Care and Epidemiology
Boone, John	Clinical Professor Emeritus of Medicine
Name	Proposed Rank (effective December 31, 2000)
Ace, Merle Eugene	Associate Professor Emeritus of Commerce and Business Administration
Alldritt, Keith	Professor Emeritus of English
Anzarut, Andre	Clinical Professor Emeritus of Medicine
Asante, Kwadwo	Clinical Assistant Professor Emeritus of Paediatrics
Baird, Robert	Clinical Professor Emeritus of Surgery
Calvert, Stephen E.	Professor Emeritus of Earth and Ocean Sciences
Chiarenza, Marguerite	Professor Emerita of French, Hispanic and Italian Studies
Friesen, Joyce D.	Administrative Librarian Emerita
Gillam, Shirley	Professor Emerita of Pathology
Hogarth, John	Professor Emeritus of Law
Hogg, James C.	Professor Emeritus of Pathology
Holdaway, Richard G. C.	Assistant Professor Emeritus of French, Hispanic and Italian Studies
Jackson, Stewart M.	Clinical Professor Emeritus of Surgery
Kilburn, Douglas G.	Professor Emeritus of Microbiology
Kirkley, M. Harriet	Assistant Professor Emerita of English
Kubicek, Robert V.	Professor Emeritus of History
Muratorio-Posse, Blanca	Associate Professor Emerita of Anthropology and Sociology

Appendix C: Candidates for Emeritus Status

Name	Proposed Rank (effective December 31, 2000)
Overmyer, Daniel Lee	Professor Emeritus of Asian Studies
Perler, Zelick	Clinical Professor Emeritus of Surgery
Sheehan, Nancy	Dean Emeritus of Education
Soroka, Allen H.	General Librarian Emeritus
Suedfeld, Peter	Dean Emeritus of Graduate Studies and Professor Emeritus of Psychology
Tyers, G. Frank O.	Professor Emeritus of Surgery
Ulrych, Tadeusz Jan	Professor Emeritus of Earth and Ocean Sciences
Wales, Terence J.	Professor Emeritus of Economics
Waters, William G.	Professor Emeritus of Commerce and Business Administration