



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

MINUTES OF MAY 15, 2002

Attendance

The Ninth Regular Meeting of the Senate of the University of British Columbia for the Session 2001/02 was held on Wednesday, May 15, 2002 at 7:00 p.m. in Room 102, George F. Curtis Building.

Present: President M. C. Piper (Chair), Vice President B. C. McBride, Dean F. S. Abbott, Dr. P. Adebar, Mr. R. Affleck, Mr. O. Alasaly, Ms. C. Bekkers, Dr. J. D. Berger, Dean J. Blom, Dr. D. W. Fielding, Dr. D. Fisher, Ms. M. Friesen, Dr. D. Granot, Dean F. Granot, Mr. E. Greathed, Dr. S. W. Hamilton, Ms. M. Hassen, Rev. T. J. Hanrahan, Dr. P. E. Harding, Mr. R. R. Hira, Ms. J. Hutton, Dr. R. Irwin, Dean M. Isaacson, Mr. D. Jones, Dr. D. D. Kitts, Dr. B. S. Lalli, Ms. C. Lenis, Mr. M. Litchfield, Mr. R. W. Lowe, Dr. M. MacEntee, Dr. P. L. Marshall, Mr. W. B. McNulty, Dean D. Muzyka, Dr. F. P. D. Navin, Dr. G. N. Patey, Dean M. Quayle, Ms. C. Quinlan, Dr. H. J. Rosengarten, Dr. J. N. Saddler, Prof. A. F. Sheppard, Mr. B. Simpson, Dr. C. E. Slonecker, Dr. R. C. Tees, Dr. J. R. Thompson, Dean R. J. Tierney, Mr. D. Tompkins, Ms. G. Y. C. Tsai, Mr. D. R. Verma, Dr. D. Ll. Williams, Dr. R. A. Yaworsky, Mr. M. Yung, Mr. C. Zappavigna.

Regrets: Dr. W. L. Sauder (Chancellor), Dr. R. W. Blake, Mr. P. T. Brady, Mr. P. T. Burns, Dr. H. M. Burt, Dean J. A. Cairns, Mr. A. Campbell, Dr. J. H. V. Gilbert, Dr. A. G. Hannam, Dr. J. Helliwell, Dr. C. Jillings, Mr. I. Kathrada, Dean M. M. Klawe, Dr. S. B. Knight, Ms. J. Lau, Dr. V. LeMay, Mr. G. Lloyd, Mr. T. P. T. Lo, Ms. Y. Lu, Dean pro tem. A. Martin-Matthews, Dr. W. R. McMaster, Dr. K. MacQueen, Dr. P. N. Nemetz, Dr. T. F. Pedersen, Dr. J. Perry, Mr. G. Podersky-Cannon, Dr. V. Raoul, Dr. K. Schonert-Reichl, Dr. C. Shields, Dr. D. Sjerpe, Ms. L. M. Sparrow, Mr. C. Ste-Croix, Dr. B. Stelck, Dr. R. Wilson, Dean E. H. K. Yen, Ms. S. Yim.

Senate Membership

REGISTRAR AND SECRETARY OF SENATE

The President introduced Mr. Brian J. Silzer, Associate Vice President, Enrolment Services, Registrar, and Secretary to Senate. Mr. Silzer had previously served the University of Alberta as Registrar for more than 20 years. Members of Senate applauded.

REPLACEMENT

Mr. Derek Jones replaced Mr. Andrew Schuster as student representative of the Faculty of Commerce & Business Administration.

MEMBERS OF SENATE ATTENDING THEIR LAST MEETING

This item was moved to "Other Business."

Minutes of the Previous Meeting

<i>Dr. Tees</i>	}	<i>That the Minutes of the meeting of April 17, 2002 be approved as circulated.</i>
<i>Dr. Fisher</i>		

Carried.

Business Arising from the Minutes

SENATE NOMINATING COMMITTEE MEMBERSHIP (P. 12893)

Election of Two Student Representatives to Serve on the Nominating Committee

Vacancies for two student members of the Nominating Committee had been declared on April 17, 2002. Nominations were received for Ms. Jennifer O. Y. Lau and Mr. Andrew Schuster. When Mr. Schuster resigned his seat on Senate, Mr. Derek Jones replaced him as student representative of the Faculty of Commerce & Business Administration and was nominated to serve on the Nominating Committee. As there were no other nominations, Ms. Lau and Mr. Jones were declared acclaimed.

Chair's Remarks and Related Questions

25 YEAR CLUB CELEBRATION

The President reported having attended a ceremony on May 14, 2002 to induct 62 new members into the 25 Year Club. The new inductees had each served the University as staff members for a 25-year continuous period. President Piper described the event as a remarkable celebration and

an opportunity to recognize the contributions of individuals who have given extensively to the University across a diverse range of fields.

REINVESTMENT OF TUITION FEE INCREASES

The President reported that extensive consultation had taken place over the previous six weeks with student groups, deans of Faculty, and heads of unit regarding how the University should reinvest in the learning environment funds received from increased tuition fees. A report on proposed funding allocations was to be tabled at an upcoming meeting of the Board of Governors. President Piper stated that, although it was clear that the tuition fee increases could not possibly be enough to fund all of the proposals that came forward, the University was pleased to begin the process of reinvestment.

MAY 2002 CONGREGATION CEREMONIES

Beginning the following week, 5663 students were scheduled to graduate in a total of 22 ceremonies scheduled over a six-day period. The President encouraged each member of Senate to attend at least one of the congregation ceremonies, which she described as very important to our students, their families, and our community. Many distinguished honorary degree recipients were also scheduled to attend the ceremonies to receive their degrees.

Candidates for degrees

Dean Isaacson
Dean Muzyka

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That the candidates for degrees and diplomas, as approved by the Faculties and Schools, be granted the degree or diploma for which they were recommended, effective May 2002, and that the Registrar, in consultation with the Deans and the Chair of Senate, be empowered to make any necessary adjustments.

Carried.

From the Board of Governors

The following recommendations from Senate were approved, subject, where applicable, to the proviso that none of the programs be implemented without formal reference to the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs. The following were approved as required under the University Act, Sections 37 (i)(l)(o) and 38.

- i. Curriculum proposals from the Faculties of Applied Science, Graduate Studies, Arts and Science (pp. 12835-7)
- ii. Curriculum proposals from the Faculty of Graduate Studies (pp. 12854-9)
- iii. The establishment of the Diploma in Music Performance (p. 12859)
- iv. The establishment of the Institute for Advanced Studies in Economics (p. 12863)
- v. Name change for the Department of Mining & Mineral Process Engineering to the Department of Mining Engineering (p. 12863)

Admissions Committee

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

AGRICULTURAL SCIENCES: CLARIFYING AND TIGHTENING ADMISSION REQUIREMENTS FOR DIETETICS MAJOR - UNDERGRADUATE

Present Calendar Entry (page 97, column 2):

Admission

Admission to the Dietetics major is limited to students who have already 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.

Dietetics Major
Second Year

AGSC 250	6
BIOL 200/2011	6
CHEM 203/204 or 231/232	6
FNH 200	3
FNH 250	3
FNH 270	1
IHHS 200	3
MICB 153 or MICB 201 (BIOL 112) and MICB 202	3/6
Total Credits	31/34

Proposed Calendar Entry

Admission

Admission to the Dietetics major is limited to students who have already completed 30 credits of university or college coursework, which must include **all the pre-requisites of English** (3 credits), **Biology 112**, 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 a **minimum** academic standing of at least 70% calculated on a **minimum of 21** credits of university or college courses including **all pre-requisites and any other courses required by the program**. **For applicants who have only completed all the pre-requisites but no other required courses, up to 5 credits of unrestricted electives will be used to calculate their standing.** Due to enrolment limitations, the academic standard required for admission may be higher than the published minimum.

Dietetics Major
Second Year

AGSC 250	6
BIOL 200/2011	6
CHEM 203/204 or 205/233	6
FNH 200	3
FNH 250	3
FNH 270	1
IHHS 200	3
Elective	3
Total Credits	31

Rationale:

The Dietetics Program has limited enrolment. Procedures for calculating admission GPA are being changed to ensure consistency in assessing applicants. Previous calculation procedures included elective courses in the calculation. Because electives vary

widely between applicants, the calculated GPAs were not equivalent. To make the admissions process fair to all students that apply, we have decided to calculate the GPA primarily on prerequisite and required courses completed. Electives will contribute to the number of credits required to apply but will be considered in the calculation of the GPA after all pre-requisites and any required courses have been included.

Changes to required Chemistry courses follow changes approved for Science.

Effective Date:

Dr. Rosengarten

Dr. Berger

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That the proposed changes to the admission requirements for the Dietetics Major be approved.

Approved.

AGRICULTURAL SCIENCES: CHANGE TO PROGRAM DESCRIPTION FOR GLOBAL RESOURCE SYSTEMS

Present Calendar Entry (page.99, column 1):

Bachelor of Science in Global Resource Systems

The Bachelor of Science....

Students are eligible...

For the resource specialization, students focus on one discipline, or choose courses from different disciplines that relate to a resource theme. Possible options include: animal behaviour and welfare; aquaculture; brewing and distilling; economics of natural resources; environment; equine studies; First Nations resource systems; food processing and management; food marketing management; gender and development; horticulture; human ecology; indigenous resource systems; organic agriculture; resource-based tourism; sustainable agriculture; and viticulture and wine science.

Proposed Calendar Entry:

Bachelor of Science in Global Resource Systems

The Bachelor of Science....

Students are eligible...

For the resource specialization, students focus on one discipline, or choose courses from different disciplines that relate to a resource theme. **Options include, but are not limited to: aquaculture, environment, food and resource economics, First Nations resource systems, horticulture, human ecology, international development, and sustainable agriculture.**

Rationale:

To narrow the resource specialization options named to those of current focus.

Effective Date: September 2002

Dr. Rosengarten
Dean Quayle

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That the proposed changes to the program description for Global Resource Systems be approved.

Carried.

AGRICULTURAL SCIENCES: DESCRIPTION CHANGE TO THE FOOD MARKET ANALYSIS MAJOR

Present Calendar Entry (page 97/98, column 3/1):

Food Market Analysis Major

Admission

The first two years of the Food Market Analysis Major are comprised of the core of the FNH program. Admission to the Food Market Analysis Major requires an academic standing of at least 70%, calculated on the best 21 credits of post-secondary courses required in this program. Students can apply for this major after completing at least 21 credits of the listed first year courses (or their equivalent).

Food Market Analysis Major

First Year	
AGSC 100	1
ENGL 112	3
BIOL 111/112/115 and BIOL 121	3/6
BIOL 140	1
CHEM 111/113 or 121/123	6
MATH 102/103 or equivalent	6
ECON 100 (101/102 or equivalent)	6
PHYS 101 or 121	3
Electives	3/0
Total Credits	32/35

Second Year	
AGSC 250	6
FNH 200	3
FNH 250	3
CHEM 203/204 or 231/232	6
BIOL 200/2011	6
MICB 201 or BIOL 112	3
MICB 202	3
Total Credits	30

Third Year

Fourth Year

Overall 4 year total 122

Proposed Calendar Entry:

Food Market Analysis Major

Admission

The first two years of the Food Market Analysis Major are comprised of the core of the FNH program. **Students may apply to the Food Market Analysis Major after completing at least 21 credits of the listed first year courses (or their equivalent), including courses in each of Biology, Chemistry, Economics, English and Math. Admission to the Food Market Analysis Major is limited to students who have achieved an academic standing of at least 70%, calculated on the best 21 credits of the required courses in the previous year.**

Food Market Analysis Major

First Year	
AGSC 100	1
ENGL 112	3
BIOL 112/121	6
BIOL 140	1
CHEM 111/113 or 121/123	8

MATH 102/103 or equivalent	6
ECON 101/102	6
Total Credits	31
Second Year	
AGSC 250	6
FNH 200	3
FNH 250	3
CHEM 205/233	6
BIOL 200/2011	6
MICB 202	3
PHYS 101 or 121	3
Total Credits	30

Third Year

Fourth Year

Overall 4 year total **124**

Rationale:

The proposed entry more clearly defines the specific course subjects that are the basis for calculating the minimum academic standing required for admissions.

Changes to Biology and Chemistry requirements, and resulting overall 4-year credit total, reflect Senate approved curriculum changes in the Faculty of Science.

Effective Date: September 2002

Dr. Rosengarten
Dean Quayle

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*That the proposed changes to the program
description for the Food Market Analysis
Major be approved.*

Carried.

AGRICULTURAL SCIENCES: EDITORIAL CHANGE TO ADMISSION DESCRIPTION FOR FOOD AND NUTRITIONAL SCIENCES DOUBLE MAJOR

Present Calendar Entry (Page 98 Col. 1/2):

FOOD AND NUTRITIONAL SCIENCES DOUBLE MAJOR

Admission

The first two years of the Food and Nutritional Sciences double major are comprised of the standard core of the FNH program. Admission to this double major requires an academic standing of at least 70%, calculated on the best 21 credits of post-secondary courses required in this program. Students can apply for this major after completing at least 21 credits of the listed first year courses (or their equivalent).

Food and Nutritional Sciences Double Major

First Year	
AGSC 100	1
ENGL 112	3
BIOL 111 or 112 or 115 and BIOL 121	3/6
CHEM 111/113 or 121/123	6
MATH 102/103 or equivalent	6
ECON 100 (101/102 or equivalent)	6
PHYS 101 or 121	3
Electives	0/3
Total Credits	32
Second Year	
AGSC 250	6
FNH 200	3
FNH 250	3
CHEM 203/204 or 231/232	6
BIOL 200/201 ¹	6
MICB 201 or BIOL 112	3
MICB 202	3

Total Credits	30
Third Year - Food Science Option	
AGSC 350	6
BIOC 302 ¹	3
FNH 300	3
FNH 301	3
FNH 302	3
FNH 309	3
FNH 313	3
MICB 353	1
FNH 325	6
Total Credits	31
Fourth Year - Food Science Option	
AGSC 450	3
PHYL 301 or equiv	3
FNH 350	3
FNH 351	3
FNH 403	3
FNH 451	3
FNH 425 or FNH 497 or FNH 499	6
Unrestricted Electives	6
Total Credits	31
Third Year - Nutritional Science Option	
AGSC 350	6
BIOC 302 ¹	3

PHYL 301 or equivalent	6
FNH 350	3
FNH 351	3
FNH Food Science core ²	9/10
Total Credits	30/31
Fourth Year - Nutritional Science Option	
AGSC 450	3
FNH Food Science core ²	10/9
FNH 450	3
FNH 451	3
Nutrition Specialization Electives ³	9
Unrestricted Electives	6
Total Credits	34/33
Overall 4 year total credits	126

¹ Students may take BIOC 300 in lieu of BIOL 201/BIOC 302

² A total of 19 credits of Food Science core courses, including FNH 300, 301,302, 309, 313, 403 and MICB 353.

³ Select at least 9 credits from the following list of courses: FNH 452, 453, 454, 470, 471, 475, 490, 497, 498, 499.

Proposed Calendar Entry:

FOOD AND NUTRITIONAL SCIENCES DOUBLE MAJOR

Admission

The first two years of the Food and Nutritional Sciences double major are comprised of the standard core of the FNH program. **Students may apply to the Food and Nutritional Sciences double major after completing at least 21 credits of the listed first year courses (or their equivalent), including courses in each of Biology, Chemistry, Physics, English and Math. Admission to the double major is limited to students who have achieved an academic standing of at least 70%, calculated on the best 21 credits of required courses taken in the previous year.**

Food and Nutritional Sciences Double Major

First Year	
AGSC 100	1
ENGL 112	3
BIOL 112/121	6
BIOL 140	1
CHEM 111/113 or 121/123	8
MATH 102/103 or equivalent	6
ECON 101/102	6
Total Credits	31
Second Year	
AGSC 250	6
FNH 200	3
FNH 250	3
CHEM 205/233	6
CHEM 235	1
BIOL 200/201 ¹	6
MICB 202	3
PHYS 101 or 121	3
Total Credits	31
Third Year	
AGSC 350	6
BIOC 302 ¹	3
FNH 300	3
FNH 301	3
FNH 302	3
FNH 309	3

FNH 313	3
MICB 353	1
FNH 325	6
Total Credits	31
Fourth Year	
AGSC 450	3
FNH 350	3
FNH 351	3
FNH 401	3
FNH 425	6
PHYL 301 or equivalent	6
Unrestricted Electives	6
Total Credits	30
Fifth Year	
FNH 403	3
FNH 451	3
FNH 450	3
Nutrition Electives²	6
Total Credits	15
Overall 5 year total credits	138

¹ Students may take BIOC 300 in lieu of BIOL 201/BIOC 302

² A total of 19 credits of Food Science core courses, including FNH 300, 301,302, 309, 313, 403 and MICB 353.

³ Select at least 9 credits from the following list of courses: FNH 452, 453, 454, 470, 471, 475, 490, 497, 498, 499.

Rationale:

The edited proposed admissions statement more clearly defines the specific course subjects that are the basis for calculating the minimum academic standing required for admission.

Changes to Biology and Chemistry requirements, and overall total credits reflect Senate approved curriculum changes in the Faculty of Science.

Currently two options are given for this double major. It was felt that this should be a true double major and that students in this program should take the key courses associated with each major. This change will extend the time required for the degree by one term but will solve time-tabling problems and thus allow students to take the required courses.

Effective Date:... 09, 2002

Dr. Rosengarten

Dr. Thompson

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That the proposed change to the admission description for the Food and Nutritional Sciences Double Major be approved.

Carried.

AGRICULTURAL SCIENCES AND APPLIED SCIENCE: BACHELOR OF ENVIRONMENTAL DESIGN

Bachelor of Environmental Design, New Undergraduate Degree Proposal

Change No. 1

Present Calendar Entry (page 95, column A,B; THE FACULTY OF AGRICULTURAL SCIENCES):

The Faculty of Agricultural Sciences offers programs leading to the Bachelor of Science in Agroecology, the Bachelor of Science in Food, Nutrition and Health, the Bachelor of Science in Global Resource Systems, the Bachelor of Home Economics, the Master of Science, the Master of Landscape Architecture, the Master of Advanced Studies in Landscape Architecture, and the Doctor of Philosophy. The Faculty also offers the post-degree, two-year Diploma in Management of Aquaculture Systems.

NOTE: the Faculty of Agricultural Sciences...design, planning and management

Bachelor of Science in Agroecology

Agroecology brings...

Proposed Calendar Entry:

The Faculty of Agricultural Sciences offers programs leading to the Bachelor of Science in Agroecology, the Bachelor of Science in Food, Nutrition and Health, the Bachelor of Science in Global Resource Systems, the Bachelor of Home Economics, the Master of Science, the Master of Landscape Architecture, the Master of Advanced Studies in Landscape Architecture, and the Doctor of Philosophy. The Faculty also offers the post-degree, two-year Diploma in Management of Aquaculture Systems. **The Bachelor of Environmental Design degree is offered jointly by the Faculty of Agricultural Sciences, through its Landscape Architecture Program and by the Faculty of Applied Science, through its School of Architecture.**

NOTE: The faculty of Agricultural Sciences...design, planning and management

(insert the following as a new program section before the Bachelor of Science in Agroecology section)

Bachelor of Environmental Design

The Bachelor of Environmental Design (B.E.D.) Program is a 4 year, non-professional degree offered jointly by the Landscape Architecture Program in the Faculty of Agricultural Sciences and the School of Architecture in the Faculty of Applied Science. It is intended as a preparatory degree for students interested in pursuing a Master of Architecture, Landscape Architecture or Planning, or for those who wish to have a greater understanding of the role of design in the broad environmental decision-making processes of society.

The first and second years of the program focus on giving the student a general academic background in the Arts and Sciences. The third and fourth years of the program emphasize design learning supported by ecological, social, theoretical and technical courses.

ADMISSION

Students apply for admission to the Bachelor of Environmental Design Program in the second year. Prospective students enrol in a first year university program of their choice at a recognized university or college. For first year admission requirements students are directed to the admission requirements of those institutions and their respective programs of study. Students are encouraged, where appropriate to their program of study, to complete the UBC equivalent of 6 credits of first year English, and GEOG 101 (6) in their first year studies.

Admission to the B.E.D. Program is competitive; the program accepts a maximum of 30 students per year. Admission is based on the student's academic standing, submission of a portfolio demonstrating general creative abilities, completion of an admissions questionnaire, and a letter expressing interest in the program. Students seeking transfer from other universities and colleges may be granted advanced credit for parallel courses in the first two years of the B.E.D. Program where standings obtained are above minimum passing grade at those institutions.

For detailed Program and Admission information, interested students are encouraged to contact the B.E.D. Program Office directly at bed_prog@interchange.ubc.ca or telephone (604) 822-6916.

DEGREE REQUIREMENTS	
Second Year ¹	
AGSI 250	6
ENDS 211	3
LARC 421	3

Electives ²	18
Total Credits	30

Third Year	
ARCH 404	3
ARCH 405	3
ENDS 301	6
ENDS 302	6
ENDS 320	3
LARC 420	3
LARC 422	3
LARC 440	3
Total Credits	30

Fourth Year	
ARCH 403	3
ARCH 437	3
ENDS 401	6
ENDS 402 and ARCH 411 ³ or ENDS 403 and LARC 431 ⁴	6+3 6+3
ENDS 410	3
ENDS 440	3
PLAN 425	3

Total Credits	30
Minimum Credits for degree	120

¹ Students are encouraged to complete the UBC equivalent of ENGL 110 (3), ENGL 111 (3), and GEOG 101 (6) in their first year studies. Those who have not completed these courses will be required to do so in the second year of the B.E.D. Program as part of their elective requirements.

² Selected from a list of Program recommendations upon consultation with a Faculty Advisor.

³ Students declaring a 'Pre-Architecture' option

⁴ Students declaring a 'Pre-Landscape/Planning' option.

Rationale:

UBC offers graduate programs in Landscape Architecture (Faculty of Agricultural Sciences), Architecture (Faculty of Applied Science), and Community and Regional Planning (Faculty of Graduate Studies). A broad undergraduate education in environmental design would strategically contribute to the overall environmental program offerings at UBC and provide an enhanced and deliberate trajectory for students anticipating careers in the design professions. The proposed Bachelor of Environmental Design program has been developed to do so. It is a 4-year (8 semester) program, with direct entry to the second year of the program from Arts or Science.

Because of this unique joint offering, and a desire to equally acknowledge the program's relationship to both the professions of Architecture and Landscape Architecture, we prefer to list the B.E.D. program in each Faculty's academic offerings.

Change No. 2

Present Calendar Entry (page 103, column A,B; THE FACULTY OF APPLIED SCIENCE):

The Faculty of Applied Science offers undergraduate and graduate programs in Engineering, Architecture, and Nursing. The Faculty offers engineering programs through the Departments of Chemical and Biological Engineering; Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering; Metals and Materials Engineering and Mining and Mineral Process Engineering; and three boards of study: Engineering Physics, Geological Engineering and Integrated Engineering. The two schools in the Faculty offer programs in their respective disciplines, which are described in chapter 3, "The School of Architecture" and in chapter 18 "The School of Nursing". In cooperation with the Faculty of Forestry and the Institute of Forest Engineering of British Columbia, the Faculty of Applied Science offers the Diploma in Forest Engineering. In addition, the Faculty contains the Centre for Metallurgical Process Engineering.

Proposed Calendar Entry:

The Faculty of Applied Science offers undergraduate and graduate programs in Engineering, Architecture, and Nursing. The Faculty offers engineering programs through the Departments of Chemical and Biological Engineering; Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering; Metals and Materials Engineering and Mining and Mineral Process Engineering; and three boards of study: Engineering Physics, Geological Engineering and Integrated Engineering. The two schools in the Faculty offer programs in their respective disciplines, which are described in chapter 3, "The School of Architecture" and in chapter 18 "The School of Nursing". **The Bachelor of Environmental Design degree is offered jointly by the Faculty of Agricultural Sciences, through its Landscape Architecture Program, and by the Faculty of Applied Science, through its School of Architecture.** In cooperation with the Faculty of Forestry and the Institute of Forest Engineering of British Columbia, the Faculty of Applied Science offers the Diploma in Forest Engineering. In addition, the Faculty contains the Centre for Metallurgical Process Engineering.

Rationale:

The Faculty of Applied Science preamble should include references to all the Undergraduate and Graduate programs in which it is involved, singularly and jointly with other Faculties.

Change No. 3

Present Calendar Entry (page 119, column A,B THE SCHOOL OF ARCHITECTURE):

The School of Architecture offers a graduate professional program of study leading to the Master of Architecture as well as a post-professional Master of Advanced Studies in Architecture (M.A.S.A.). Architecture is one of several professions concerned with the human environment: the architect is educated to understand and participate in the design of the built environment. As an academic discipline, architecture relates the humanities, sciences, technology and the creative arts. The study of architecture demands a sound academic background and an ability in the realm of creative problem solving. It is essential therefore that all students entering the School of Architecture be academically mature and that they possess an imaginative outlook. The School selects students from a variety of disciplines on which to build architectural understanding and anticipate responsible professional competence.

Proposed Calendar Entry:

The School of Architecture offers a graduate professional program of study leading to the Master of Architecture as well as a post-professional Master of Advanced Studies in Architecture(M.A.S.A.). **The Bachelor of Environmental Design degree is offered jointly by the Faculty of Agricultural Sciences, through its Landscape Architecture Program, and by the Faculty of Applied Science, through its School of Architecture.**

Architecture is one of several professions concerned with the human environment: the architect is educated to understand and participate in the design of the built environment. As an academic discipline, architecture relates the humanities, sciences, technol-

ogy and the creative arts. The study of architecture demands a sound academic background and an ability in the realm of creative problem solving. It is essential therefore that all students entering the School of Architecture be academically mature and that they possess an imaginative outlook. The School selects students from a variety of disciplines on which to build architectural understanding and anticipate responsible professional competence.

Rationale:

Graduate and joint Undergraduate Degrees offered are clearly stated in the preamble. Mission statement follows.

Change No. 4

Present Calendar Entry (page 119, column C; ADMISSION):

(e.g., Bachelor of Environmental Design, Bachelor of Environmental Science, or Bachelor of Arts with a Major in Architecture) may be given advanced standing and may in some cases be able to complete the degree in two and one-half years. The School's admissions committee will determine advanced standing on the basis of the applicant's undergraduate transcript and portfolio.

Proposed Calendar Entry:

(e.g., Bachelor of Environmental Design, Bachelor of Environmental Science, or Bachelor of Arts with a Major in Architecture) may be given advanced standing and may in some cases be able to complete the degree in two and one-half years. **As noted above, a Bachelor of Environmental Design Degree program, offered jointly by the Faculty of Agricultural Sciences, through its Landscape Architecture Program and the Faculty of Applied Science, through its School of Architecture, will commence September 2002.** The School's admissions committee will determine advanced standing on the basis of the applicant's undergraduate transcript and portfolio.

Rationale:

Graduate and Undergraduate Degrees offered are clearly stated in the preamble. Mission statement follows.

Change No. 5

Present Calendar Entry (page 122, column C; Professional Association):

In British Columbia, students are encouraged to make contact with the profession by applying for admission to the Architectural Institute of British Columbia (AIBC) as a Student Associate. Interested students should contact the offices of the AIBC at 100-440 Cambie St., Vancouver, BC, V6B 2N5; telephone (604)683-8588.

Academic Staff

Proposed Calendar Entry:

In British Columbia, students are encouraged to make contact with the profession by applying for admission to the Architectural Institute of British Columbia (AIBC) as a Student Associate. Interested students should contact the offices of the AIBC at 100-440 Cambie St., Vancouver, BC, V6B 2N5; telephone (604)683-8588.

Insert the following as a new section after 'Professional Association' and before 'Academic Staff.'"

Bachelor of Environmental Design

The Bachelor of Environmental Design (B.E.D.) Program is a 4 year, non-professional degree offered jointly by the Landscape Architecture Program in the Faculty of Agricultural Sciences and the School of Architecture in the Faculty of Applied Science. It is intended as a preparatory degree for students interested in pursuing a Master of Architecture, Landscape Architecture or Planning, or for those who wish to have a greater understanding of the role of design in the broad environmental decision-making processes of society.

The first and second years of the program focus on giving the student a general academic background in the Arts and Sciences. The third and fourth years of the program emphasize design learning supported by ecological, social, theoretical and technical courses.

ADMISSION

Students apply for admission to the Bachelor of Environmental Design Program in the second year. Prospective students enroll in a first year university program of their choice at a recognized university or college. For first year admission requirements students are directed to the admission requirements of those institutions and their respective programs of study. Students are encouraged, where appropriate to their program of study, to complete the UBC equivalent of ENGL 110 (3), ENGL 111 (3), and GEOG 101 (6) in their first year studies.

Admission to the B.E.D. Program is competitive; the program accepts a maximum of 30 students per year. Admission is based on the student's academic standing, submission of a portfolio demonstrating general creative abilities, completion of an admissions questionnaire, and a letter expressing interest in the program. Students seeking transfer from other universities and colleges may be granted advanced credit for parallel courses in the first two years of the B.E.D. Program where standings obtained are above minimum passing grade at those institutions.

For detailed Program and Admission information, interested students are encouraged to contact the B.E.D. Program Office directly at bed_prog@interchange.ubc.ca or telephone (604) 822-6916.

DEGREE REQUIREMENTS	
Second Year ¹	
AGSI 250	6

ENDS 211	3
LARC 421	3
Electives ²	18
Total Credits	30

Third Year	
ARCH 404	3
ARCH 405	3
ENDS 301	6
ENDS 302	6
ENDS 320	3
LARC 420	3
LARC 422	3
LARC 440	3
Total Credits	30

Fourth Year	
ARCH 403	3
ARCH 437	3
ENDS 401	6
ENDS 402 and ARCH 411 ³ or ENDS 403 and LARC 4314	6+3 6+3
ENDS 410	3
ENDS 440	3
PLAN 425	3

Total Credits	30
Minimum Credits for degree	120

¹Students are encouraged to complete the UBC equivalent of ENGL 110 (3), ENGL 111 (3), and GEOG 101 (6) in their first year studies. Those who have not completed these courses will be required to do so in the second year of the B.E.D. Program as part of their elective requirements.

²Selected from a list of Program recommendations upon consultation with a Faculty Advisor.

³Students declaring a 'Pre-Architecture' option

⁴Students declaring a 'Pre-Landscape/Planning' option.

Rationale:

UBC offers graduate programs in Landscape Architecture (Faculty of Agricultural Sciences), Architecture (Faculty of Applied Science), and Community and Regional Planning (Faculty of Graduate Studies). A broad undergraduate education in environmental design would strategically contribute to the overall environmental program offerings at UBC and provide an enhanced and deliberate trajectory for students anticipating careers in the design professions. The proposed Bachelor of Environmental Design program has been developed to do so. It is a 4-year (8 semester) program, with direct entry to the second year of the program from Arts or Science.

Change No. 6

Present Calendar Entry (page 230, column A; AREA OF STUDY):

AREA OF STUDY

Research activities and thesis development... the site-specific scale.

CONTACT INFORMATION

For more information contact...

Proposed Calendar Entry:

AREA OF STUDY

Research activities and thesis development... the site-specific scale.

Insert the following as a new section After 'Area of Study' and before 'Contact Information'

Bachelor of Environmental Design

The Bachelor of Environmental Design (B.E.D.) Program is a 4 year, non-professional degree offered jointly by the Landscape Architecture Program in the Faculty of Agricultural Sciences and the School of Architecture in the Faculty of

Applied Science. It is intended as a preparatory degree for students interested in pursuing a Master of Architecture, Landscape Architecture or Planning, or for those who wish to have a greater understanding of the role of design in the broad environmental decision-making processes of society.

For detailed Program and Admission information, interested students are encouraged to contact the B.E.D. Program Office directly at bed_program@interchange.ubc.ca or telephone (604) 822-6916. For further information see the Faculty of Agricultural Sciences or The School of Architecture in the Faculty of Applied Science.

CONTACT INFORMATION

Rationale:

UBC offers graduate programs in Landscape Architecture (Faculty of Agricultural Sciences), Architecture (Faculty of Applied Science), and Community and Regional Planning (Faculty of Graduate Studies). A broad undergraduate education in environmental design would strategically contribute to the overall environmental program offerings at UBC and provide an enhanced and deliberate trajectory for students anticipating careers in the design professions. The proposed Bachelor of Environmental Design program has been developed to do so. It is a 4-year (8 semester) program, with direct entry to the second year of the program from Arts or Science.

Because of this unique joint offering, and a desire to equally acknowledge the program's relationship to both the professions of Architecture and Landscape Architecture, it is preferred to list the B.E.D. program in each Faculty's academic offerings.

Change No. 7

Present Calendar Entry (page 230, column A; CONTACT INFORMATION):

The Landscape Architecture Program Office (larc@interchange.ubc.ca) is located at 6368 Stores Road (off West Mall), telephone (604)822-4481, fax (604)822-1660. More information is on the Landscape Architecture website, www.agsci.ubc.ca/main/cande/.

Proposed Calendar Entry:

The Landscape Architecture Program Office (larc@interchange.ubc.ca) is located at 2357 Main Mall, telephone (604)822-4481, fax (604)822-2184. More information is on the Landscape Architecture website, www.agsci.ubc.ca/main/cande/.

Information regarding the Bachelor of Environmental Design Degree Program is available at the above mentioned website. Contact the Program Office directly at bed_prog@interchange.ubc.ca or telephone (604) 822-6916.

Effective Date: September 2002

Dr. Rosengarten
Dean Isaacson

}

That Senate accept the recommendations of the Admissions Committee with respect to the new Bachelor of Environmental Design.

Carried.

GRADUATE STUDIES, SCHOOL OF OCCUPATIONAL & ENVIRONMENTAL HYGIENE: DOCTOR OF PHILOSOPHY

Present Calendar Entry

N/A

Proposed Calendar Entry:

Admissions

Applicants for admission must have a master's degree in occupational or environmental sciences or a related field (e.g., engineering, natural sciences, health sciences), with high academic standing from a recognized institution. To ascertain the School's ability to fulfill potential applicants' objectives, a statement is required describing the applicants' research interests and objectives; this should be submitted with the application package. An application will be considered complete when an application form, application fee, statement of objectives, curriculum vitae, two official copies of all transcripts, three reference letters, and results of the Graduate Record Examination and the TOEFL (if required) have been received. A minimum TOEFL score of 600 paper-based or 250 computer-based is required.

Application deadline is February 28th.

Applications to transfer to the PhD program after completion of the first year of the Master's program will be considered in exceptional cases. All applicants must satisfy the general regulations of the Faculty of Graduate Studies of UBC, and must be accepted by the School of Occupational and Environmental Hygiene Admissions Committee.

Rationale:

This program will complement the existing MSc program at the School of Occupational and Environmental Hygiene as 10% of our MSc graduates have pursued doctoral studies. It will also complement the current PhD program at the Department of Health Care and Epidemiology in the Faculty of Medicine where the focus is on measuring the determinants of health, while this program will focus on recognition, evaluation and control of occupational and environmental factors affecting human health. It will also complement the graduate programs in Resource Management and Environmental Studies where the focus is on the interface between humans and the natural environment, whereas this program focuses on protecting humans from the effects of environmental and occupational contaminants.

Effective Date: September 2002

Dr. Rosengarten
Dean Granot

}

That the admissions statement for the Ph.D. in Occupational & Environmental Hygiene be approved.

Carried.

GRADUATE STUDIES: INTERDISCIPLINARY ONCOLOGY, NEW PROGRAM

Present Calendar Entry:

N/A

Proposed Calendar Entry:

Doctor of Philosophy and Master of Science

The Faculty of Graduate Studies Interdisciplinary Oncology Program offers advanced study and research in a variety of fields relating to oncology. The focus on interdisciplinarity is accomplished through a breadth of coverage in the following disciplines: molecular and cellular biology, genetics, biophysics, bioinformatics, pharmaceutical sciences, radiological sciences, immunology, sociobehavioural studies and epidemiology. This provides graduate students from diverse backgrounds with an education in a number of disciplines relating to oncology and intensive training in specialized aspects of oncology through thesis research. The objective is to combine knowledge from multiple disciplines to enhance progress in this complex field of research.

Admissions

Students who apply for entrance into the MSc program must have completed a BA, BSc, MD or equivalent degrees from recognized institutions. Students who apply for entrance into the PhD program must have completed a BA, BSc, MA, MSc, MD or equivalent degrees from recognized institutions. Students who apply for entrance into either program must also satisfy the general requirements of the Faculty of Graduate Studies of UBC and be accepted by the Interdisciplinary Oncology Program Advisory Committee and research supervisors. The Advisory Committee ensures that students have appropriate background for graduate studies in the Program whereas research supervisors ensure that students have background for students' specific research topics and satisfy the minimum requirements of the host departments (the departments in which the supervisors reside).

Rationale

The objective of the proposed program is to provide graduate students from diverse backgrounds with an education in a number of disciplines relating to oncology, and to provide opportunities for intensive training in specialized aspects of oncology through thesis research. The objective is to combine knowledge from multiple disciplines to enhance progress in this complex field of research.

Effective Date: September 2002

Dr. Rosengarten
Dean Granot

}

*That the admissions statement for the new
graduate program in Interdisciplinary
Oncology be approved.*

Carried.

GRADUATE STUDIES, SCHOOL OF REHABILITATION SCIENCES: CHANGE TO GRADUATE PROGRAM ADMISSION REQUIREMENTS

Present Calendar Entry (page 241, column 3):

Minimum admissions requirements include a degree in occupational therapy, physical therapy, or a related rehabilitation profession, an academic record which meets the requirements of the Faculty of Graduate Studies, and completion of an introductory course in research methods and statistics (equivalent to RHSC 402). Preference will be given to applicants who hold degrees in occupational or physical therapy, are qualified to practice their rehabilitation profession in British Columbia, and who have had recent clinical experience providing rehabilitation care.

Proposed Calendar Entry:

Minimum admissions requirements include a degree in occupational therapy, physical therapy, or a related rehabilitation profession, an academic record which meets the requirements of the Faculty of Graduate Studies, and completion of an introductory course in research methods and statistics (equivalent to RHSC 402). **Applicants from non-Canadian universities are required to provide general GRE (Graduate Record Examination) scores as part of their application.** Preference will be given to applicants who hold degrees in occupational or physical therapy, are qualified to practice their rehabilitation profession in British Columbia, and who have had recent clinical experience providing rehabilitation care.

Rationale:

GRE scores will provide the Graduate Admissions Committee with one way of comparing applicants who have graduated from non-Canadian universities.

Effective Date: November 2001

Dr. Rosengarten
Dr. Slonecker

}

*That Senate approve the proposed change to
admission requirements for the School of
Rehabilitation Sciences.*

Carried.

GRADUATE STUDIES, MEDICINE: MASTER OF HEALTH ADMINISTRATION - CHANGE TO GRADUATE PROGRAM

Present Calendar Entry (page 226, column 2):

The Master of Health Administration (M.H.A.) degree provides students with the academic and professional foundations necessary for leadership in the health care field. An alliance with BCIT enables easy access to many MHA courses in distance education formats such as online education or guided independent study. This makes the MHA program particularly suitable for mid-career health professionals or for strongly motivated younger students.

While the basic MHA program takes two years of full-time study to complete, the actual length of the program varies depending on one's background. A student with an academic background in Commerce or with an undergraduate degree in health administration may forego much of the first, or foundation year. A student with extensive health care experience may choose to do only one internship rather than the usual two.

Academic flexibility is provided through a large number of elective courses, a clerkship, an optional management project, and a major essay. More information can be found in the online MHA brochure. Applications deadlines are March 1 for entry in September and September 15 for entry in January.

Proposed Calendar Entry: (delete present entry and replace with the following):

The Department of Health Care and Epidemiology in collaboration with the Faculty of Commerce and Business Administration offers a professional degree curriculum leading to a Master of Health Administration (MHA).

The MHA has an executive focus and is taught in modular (1.5 credit) format: Friday afternoon through Sunday, one weekend per month. The full program will take two years to complete.

The MHA curriculum provides the educational and professional foundations for leadership in the health care field. It emphasizes analytical thinking and focuses on preparing students for a career in health care management.

The overall goal of the program is to provide graduates who are skilled professionals with in-depth applied administrative research tools capable of identifying and solving complex organizational and assessment problems in the health services delivery sector. Graduates of this program have the health care training plus the business skills to creatively manage in an ever-more complicated health care sector. Further details and information on admissions is available at www.healthcare.ubc.ca

The Faculty of Graduate Studies outlines the minimum requirements for admission to Graduate Programs at UBC. For more information about the role of Graduate Studies and to view the Faculty's policies and procedures manual, visit the Graduate Studies website: www.grad.ubc. Applicants from a university outside Canada in which English is not the primary language of instruction must meet the English Language Proficiency Requirement. Students who are not Canadian citizens or permanent residents should review the section on International Students.

Applications for admission to the MHA program will be evaluated based on a combination of academic achievement, GMAT/GRE results, and/or relevant work experience. If the applicant does not already have GMAT or GRE results, the GMAT should be written prior to

submission of the application. In addition to the minimum requirements, applicants are asked to include a cover letter that outlines their motivation for completing the MHA program as well as a resume. Professional experience and publications may be considered for those who do not meet the GPA requirements. Applicants who have limited relevant work experience may be required to complete a Residency/Internship placement in addition to the regular graduation requirements.

Ideally, the letters of reference should indicate how the referee has come to know the applicant and why they feel the applicant will succeed in the MHA program. Where feasible, the selection of referees should be made so that two of the letters relate primarily to work experience and career progression including community service while the third deals with academic performance.

For further information, visit www.healthcare.ubc.ca

Present Calendar Entry (page 206, Column 1):

Health Care and Epidemiology (M.H.A.) TOEFL (paper) 570; TOEFL (computer); 230 GRE
Yes

Proposed Calendar Entry: (page 206, column 1):

Health Care and Epidemiology (M.H.A.) TOEFL (paper) 570; TOEFL (computer) 230; GRE
Yes² (² or GMAT)

Rationale:

The delivery of the new curriculum is consistent with the learning strategies laid out in Trek 2000. The new MHA will include faculty and students working together with industry, government and other organizations in applied research and management projects. Students in this program will work closely with health care sector management, delivery and research organizations in BC.

There is currently no comparable program in BC. The only similar program existed as a joint BCIT-UBC "bridging" program in which the first year was offered at BCIT and the second at UBC. This program stopped accepting new students in January 2001 at the direction of the Dean of Graduate Studies. The revisions to the MHA curriculum are in response to the recommendations of an external review panel and consultations that resulted in a moratorium being placed on the "bridging" program with BCIT and reinstatement of the full program being offered by UBC.

The program will be a full-cost recovery program. This includes all teaching, research time for faculty, administration, space and promotion costs. Additional graduate students may lead to a slight increase in the use of library resources and it is anticipated that the MHA program will support the cost of any new library materials. The existing faculty members have the expertise to deliver this program. There are currently 31 tenure stream faculty in Health Care and Epidemiology and 80 tenure stream faculty in Commerce. The teaching facilities and computer labs available at the UBC main cam-

pus and the UBC downtown campus at Robson Square will be adequate for delivering the program at either location.

Effective Date: 03 /2002

Dr. Rosengarten

Dr. Berger

}

That the proposed changes to the Master of Health Administration admissions statements be approved.

Carried.

Continuing Studies Committee

POST-GRADUATE CERTIFICATES IN TECHNOLOGY-BASED DISTRIBUTED LEARNING (TBDL) AND TECHNOLOGY-BASED LEARNING FOR SCHOOLS (TBLS)

Ms. Jane Hutton circulated for information proposals for the two above-mentioned new certificates. The two certificates were comprised of degree-credit courses and could be used to "ladder" into the Master of Educational Technology.

Curriculum Committee

See also 'Appendix A: Curriculum Change Summary.'

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

FACULTIES OF AGRICULTURAL SCIENCES AND APPLIED SCIENCE: BACHELOR OF ENVIRONMENTAL DESIGN

Dr. Berger

Mr. Verma

}

That Senate approve the establishment of the Bachelor of Environmental Design in the Faculties of Agricultural Sciences and Applied Science.

Carried.

FACULTY OF COMMERCE & BUSINESS ADMINISTRATION

<i>Dr. Berger</i>	}	<i>That the proposed new courses, COMM 337, 432, 442, 446, 474 and 496, be approved.</i>
<i>Dean Muzyka</i>		

Carried.

FACULTY OF EDUCATION

<i>Dr. Berger</i>	}	<i>That the proposed new course EDUC 390 be approved.</i>
<i>Dean Tierney</i>		

Carried.

FACULTY OF GRADUATE STUDIES

Correction

Dr. Berger pointed out that the title "Master of Science in Rehabilitation Sciences" should be added to the beginning of the proposed Calendar entry on page 5 of the proposal.

<i>Dr. Berger</i>	}	<i>That the graduate curriculum proposals, with the exception of the proposal related to the Master of Arts (Asia Pacific Policy Studies), be approved.</i>
<i>Dr. Rosengarten</i>		

Carried.

Graduate Studies: Asia Pacific Policy Studies

Dr. Berger introduced the proposals for two new programs: the Combined LL.B./M.A. in Asia Pacific Policy Studies, and the Combined M.B.A./M.A. in Asia Pacific Policy Studies. He explained that students were to make application to each of the two components of the combined degree independently. There were some efficiencies in the course requirements for the combined degrees, as opposed to pursuing each of the two degrees separately.

Dr. Rosengarten confirmed that the Admissions Committee had reviewed and approved the admissions statements for the two new programs, which appeared in the Curriculum Committee report.

<i>Dr. Berger</i>	}	<i>That the proposed two new combined degree programs (including their respective admission statements) be approved.</i>
<i>Dean Blom</i>		

In response to a query from Mr. Hira, Dean Blom stated that the combined LL.B./MAPPS did not entail any reduction in the required work toward the LL.B., and that the Law Society of British Columbia would therefore likely recognize the degree as sufficient academic preparation for licensing purposes.

The motion was
put and carried.

COLLEGE OF HEALTH DISCIPLINES

<i>Dr. Berger</i>	}	<i>That the proposed courses, IHHS 405 and 406, be approved.</i>
<i>Dr. MacEntee</i>		

Carried.

There was discussion about whether program descriptions usually denote the full cost recovery nature of such programs. Dr. Berger stated that the program description usually lists the approximate tuition fees so that prospective students are aware prior to registration. Dr. MacEntee, as Chair of the Budget Committee, stated that all new programs are reviewed by the Budget Committee to ensure that these initiatives do not entail unexpected budgetary implications.

Nominating Committee

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

SENATE COMMITTEE ON TEACHING AND LEARNING

As Chair of the Nominating Committee, Dr. Williams presented the following report.

The Nominating Committee proposes that the activities of the various Ad Hoc Committees struck from time to time to consider aspects of teaching be combined with the proposed Learning Committee to form a new standing committee of Senate on Teaching and Learning with the following terms of reference:

1. To advise Senate on such matters of teaching and learning as may be referred to it from time to time.
2. To assess the efficacy of the University's programs with regard both to the quality of the instruction and to the learning outcomes.
3. To review any new initiatives that are proposed to enhance learning; to identify problem areas and suggest corrective measures.

Dr. Williams stated that the present Nominating Committee had not addressed membership of the proposed Committee, but would leave that task to the new Nominating Committee, which was to be elected during the summer of 2002.

<i>Dr. Williams</i>	}	<i>That the proposed establishment and terms of reference for a Senate Committee on Teaching and Learning be approved.</i>
<i>Mr. Greathed</i>		

Members of Senate made the following comments and suggestions:

1. The proposed terms of reference assigned a largely reactive role to the Committee. It was suggested that the terms be amended to allow the Committee to work more proactively. Dean Isaacson suggested that the first term be amended to read, "To advise Senate on such matters of teaching and learning **as it may consider appropriate**, or as may be referred to it from time to time."
2. The second term should be clarified to ensure that such assessment would be conducted in a consultative and collaborative, rather than police-like, fashion. There was concern about placing the power of evaluation with an external group. Dr. Williams responded that, since the proposed Committee would report to Senate, it was not intended to act as an external group. It was suggested that the second term be amended to begin, "[t]o provide guidance on..." Dr. Williams encouraged Senate to avoid approving a lukewarm approach, but rather to assign to the Committee the mandate to critically assess learning methods.

3. The terms should reflect the method of evaluation to be used and a mechanism for reporting back to the Committee and/or to Senate with regard to progress made.

In amendment,

<i>Dr. Tees</i>	}	<i>That the second term of reference be deleted.</i>
<i>Dr. Williams</i>		

Vice President McBride further suggested that the third term be amended to end after the semicolon. Dr. Williams stated that he would not be willing to accept this proposal as a friendly amendment.

<i>Mr. Tompkins</i>	}	<i>That the report be referred back to the Nominating Committee for adjustments to the terms of reference.</i>
<i>Mr. Zappavigna</i>		

Dr. Williams clarified that the Nominating Committee for the 2002-2005 Senate term would be the Committee instructed to take up this task.

The motion was
put and carried.

COMMITTEE ASSIGNMENTS FOR STUDENT SENATORS

Dr. Williams circulated the following proposed committee assignments for student senators who had taken office on April 1, 2002.

The Nominating Committee recommends that Senate approve the following appointments of student representatives to the Committees of Senate for the term from May 15, 2002 to March 31, 2003 and thereafter until a replacement is appointed:

Academic Building Needs

Ms. Christina Bekkers, Faculty of Agricultural Sciences
Vacancy

Academic Policy

Mr. Omar Alasaly, Faculty of Pharmaceutical Sciences
Ms. Christine Lenis, At-large, Faculty of Arts

Admissions

Ms. Christine Lenis, At-large, Faculty of Arts
Mr. Christopher Zappavigna, Faculty of Science

Agenda

Ms. Jennifer Lau, At-large, Faculty of Arts

Appeals on Academic Standing

Ms. Christina Bekkers, Faculty of Agricultural Sciences
Mr. David Tompkins, Faculty of Graduate Studies (Engineering)
Ms. Scarlett Yim, At-large, Faculty of Science

Budget

Ms. Jennifer Lau, At-large, Faculty of Arts
Mr. David Tompkins, Faculty of Graduate Studies (Engineering)

Continuing Studies

Ms. Yvette Lu, At-large, Faculty of Medicine
Mr. Michael Yung, Faculty of Applied Science

Curriculum

Mr. Omar Alasaly, Faculty of Pharmaceutical Sciences
Ms. Christina Bekkers, Faculty of Agricultural Sciences
Ms. Gina Tsai, At-large, Faculty of Pharmaceutical Sciences
Mr. Christopher Zappavigna, Faculty of Science

Elections

Mr. Michael Yung, Faculty of Applied Science

Liaison with Post-Secondary Institutions

Ms. Michelle Hassen, Faculty of Arts

Library

Ms. Jennifer Lau, At-large, Faculty of Arts
Ms. Christine Lenis, At-large, Faculty of Arts
Ms. Gina Tsai, At-large, Faculty of Pharmaceutical Sciences
Ms. Scarlett Yim, At-large, Faculty of Science

Student Appeals on Academic Discipline

Ms. Michelle Hassen, Faculty of Arts
Ms. Christine Lenis, At-large, Faculty of Arts
Mr. Christopher Zappavigna, Faculty of Science

Student Awards

Ms. Michelle Hassen, Faculty of Arts
Ms. Yvette Lu, At-large, Faculty of Medicine

Tributes

Ms. Scarlett Yim, At-large, Faculty of Science
Mr. Michael Yung, Faculty of Applied Science

<i>Dr. Williams</i>	}	<i>That the proposed committee assignments for student senators be approved.</i>
<i>Prof. Sheppard</i>		

Carried.

Student Awards Committee

See also "Appendix B: Awards for Approval."

Dr. Thompson presented the report, as Chair of the Committee.

<i>Dr. Thompson</i>	}	<i>That the proposed changes to the Global Citizen of Tomorrow Award and the International Leader of Tomorrow Award be approved.</i>
<i>Dr. Rosengarten</i>		

Carried.

Ad hoc Committee on the Academic Implications of Mandatory Retirement at Age 65

Note: the full text of this report is not included in the Minutes. Copies may be obtained from the Manager, Senate & Curriculum Services.

Professor Sheppard presented the report, as Chair of the Committee. He thanked the members of the Committee for their work on the report, citing in particular Walter Sudmant, who had provided informative graphs.

Professor Sheppard stated that, although the University would face a shortage of teaching faculty as current faculty retire in large numbers, there did not exist any provision for appointing faculty to tenured terms after mandatory retirement. It was the hope of the Committee that UBC Policy 52 could be amended by the Board of Governors to permit tenured terms in exceptional cases after age 65. The Committee recommended that mandatory retirement should be retained, but applied more flexibly than current practice allowed.

The Committee suggested that, because of the magnitude and urgency of the impending crisis, a consultative process precede the proposed amendments to Policies ##52 and 27. Professor Sheppard reported that Vice President McBride had indicated willingness to chair a consultative group.

Professor Sheppard, referring to Appendix D of the report, pointed out that the above-mentioned Board of Governors policies could be amended without violating current collective agreements.

*Professor Sheppard
Dean Isaacson*

}

*That Senate receive the report of the ad hoc
Committee on the Academic Implications of
Mandatory Retirement at Age 65.*

Discussion

Mr. Affleck commended the Committee on its report, and commented that an objective mechanism would be required to determine which faculty to retain.

Dr. Berger spoke against the recommendation to propose amendments to Policies ## 52 and 27. He stated that, although the University was definitely facing a shortage of teaching faculty due to retirements, the current policies were flexible enough to allow faculty to continue to teach after age 65 in exceptional circumstances. In Dr. Berger's opinion, the larger challenge was in the area of faculty renewal, and allowing the extensions of tenured appointments beyond age 65 would have undesirable consequences.

In response to a query from Dr. Yaworsky about appropriate next steps, Vice President McBride reminded members of Senate that the policies in question were approved by the Board of Governors, and that the Board would be responsible for making any amendments. Vice President McBride stated that he would be willing, however, upon instruction from Senate, to enter into a consultative discussion based on the ad hoc Committee's report. He suggested that the consultative group have representation from Senate, but that it not be a committee of Senate. The group would report back to Senate at a later date. President Piper added that the Board of Governors reviewed each of its policies on a regular basis, and that it might be timely to review Policies ##52 and 27.

In amendment,

<i>Vice President McBride</i>	}	<i>That Senate receive the report of the ad hoc</i>
<i>Mr. Affleck</i>		<i>Committee on the Academic Implications of</i>
		<i>Mandatory Retirement at Age 65,</i>
		<i>and;</i>
		<i>That the Vice President, Academic and Provost</i>
		<i>be instructed to implement a consultative</i>
		<i>process regarding the review and/or</i>
		<i>amendment of Board of Governors Policies ##</i>
		<i>52 and 27,</i>
		<i>and;</i>
		<i>That the above-mentioned consultative group</i>
		<i>be instructed to report back to Senate in</i>
		<i>November 2002.</i>

It was agreed that, whether or not the issue of mandatory retirement was a bargaining issue involving the Faculty Association, the Faculty Association would be involved in the consultative process. Dr. Tees reminded members of Senate that the ad hoc Committee had recommended that the University maintain mandatory retirement, but that it also increase its flexibility regarding post-retirement teaching contracts.

Vice President McBride reassured members of Senate that faculty recruitment was proceeding in a positive way: 120 new faculty members had been hired thus far in 2002. Although the University was not always able to fill vacant faculty positions, it had been reasonably successful in recruiting. Because it may become more difficult to replace retiring faculty in the future, Vice President McBride stated that it was time to begin consultation.

The amended
motion was put
and carried.

The President thanked Professor Sheppard and the other members of the Committee for their very useful report.

Reports from the Vice President, Academic and Provost

NEW CHAIRS

Vice President McBride was pleased to recommend the establishment of the following three new Chairs:

- The BC Leadership Chair for Spinal Cord Research
- The Cordula and Günter Paetzold Chair in Spinal Cord Clinical Research
- The Chair in Spinal Cord Rehabilitation Research

<i>Vice President McBride</i>	}	<i>That Senate approve the establishment of the three new chairs, as listed above.</i>
<i>Dean Granot</i>		

The Vice President stated that the approval of these new chairs would position the International Collaboration on Repair Discoveries (ICORD) as one of the leading, if not the leading, centre for spinal cord research in the world.

The motion was
put and carried.

NAME CHANGE FOR THE DEPARTMENT OF GERMANIC STUDIES

<i>Vice President McBride</i>	}	<i>That Senate approve the change in name from the Department of Germanic Studies to the Department of Central, Eastern and Northern European Studies, effective May 1, 2002.</i>
<i>Dr. Rosengarten</i>		

Dr. Williams, as a member of a recent departmental review committee for the Department of Germanic Studies, spoke in support of the proposed name as a way to reflect the breadth of the Department. He stated that the review committee had found that faculty in the Department of Germanic Studies had been required to take on significant extra duties in order to maintain the Department's breadth and depth, and asked the Provost whether any steps had been taken to ameliorate the situation. Vice President McBride responded that he and the Dean of Arts were in

the process of discussing the departmental review and the budgetary implications of possible improvements.

The motion was
put and carried.

Report from The Faculty of Graduate Studies

MEMBERSHIP OF THE GRADUATE COUNCIL

<i>Dean Granot</i>	}	<i>That the membership of the Graduate Council be expanded to include the University Librarian or his/her delegate.</i>
<i>Dr. Tees</i>		

Carried.

Report from the Registrar

CHANGES TO THE CALENDAR ENTRY ON STUDENT DISCIPLINE

Mr. Silzer presented the following report for information. He stated that these modest changes would permit the President to act more expeditiously because the necessity of meeting with each student individually had been removed.

FOR THE 2002-03 UBC CALENDAR

Changes to the 'Procedures' section under the Student Discipline heading

PROCEDURES

Section 61 of the UNIVERSITY ACT gives the President of the University the power to suspend students and to deal summarily with any matter of student discipline. To advise the President on measures to be taken, the President has established the President's Advisory Committee on Student Discipline. An alleged instance of student misconduct deemed serious enough for action by the President shall be referred to the Committee unless otherwise directed by the President. ~~After an investigation and~~ The Committee will conduct a hearing at which the student is invited to appear, the Committee will reports to the President, who will then make the final decision. ~~The student then has the opportunity to meet with the President, if he or she wishes, before the President arrives at a decision.~~

A student suspected or apprehended in the commission of an offence shall be notified within a reasonable period of time of intention to report the alleged offence to the department head, dean, or other appropriate person. The student shall also be given the opportunity to explain the incident and, if he or she requests, to meet with the depart-

ment head, dean, or other appropriate person, before the alleged offence is reported to the President.

A record of a penalty imposed may be recorded on a student's official transcript.

A student who is a respondent in proceedings under the University's Policy on Discrimination and Harassment (#3) may be the subject of a disciplinary recommendation made to the President by a panel constituted under that policy. ~~Before making a decision whether to act on a recommendation of discipline by the panel, the President may afford the student an opportunity to meet together before making a decision.~~

Revised May 13, 2002

Rationale

The University Act vests the President with the power to deal summarily with any matter of student discipline. The existing Calendar entry could be construed as limiting these powers of the President. The proposed changes are intended to remove such confusion and do not materially change the process that will continue to be followed in most discipline cases. The proposed changes to the calendar entry will ensure that the President's ability to deal with time-sensitive or emergency situations without first convening the President's Advisory Committee is unhindered. Similarly, the necessity of a student meeting with the President in every case has been removed as there are instances in which the President may need to act quickly on a recommendation of her Advisory Committee, and a meeting with the student is impossible or cannot be scheduled in a timely manner. All decisions of the President remain subject to review by the Senate Committee on Student Appeals on Academic Discipline.

Other Business

REPORT FROM THE BUDGET COMMITTEE

Dr. MacEntee gave the following oral report, as Chair of the Committee.

Procedural Issues

Last year, I requested on behalf of the Committee that the terms of reference of the Senate Budget Committee be clarified to highlight the advisory role of the committee on "Statements of Intent for New Programs." Subsequent to this request, the Agenda Committee considered our suggestion for an additional term of reference, but decided that we could fulfill our mandates within the existing terms. So, we now have in place a process for assessing the budgetary implications of new programs of study. We feel again this year that the process works well and efficiently as we considered the budgetary implication of nine new programs, all of them approved subsequently by Senate. I should note here that the Committee raised some issues on all of the proposals, and that our concerns were resolved to our satisfaction following additional consultations.

Budget Development and Priorities

President Piper involved the SBC openly and clearly throughout the year in the development of the budget. Of particular interest this year have been the negotiations and

consultative process used to determine the tuition fee increases. We were consulted fully, and we approve of the final outcome.

More recently, we have been involved in discussions about the accountability of the Administration for the ways in which the revenues from the fee increases will be spent. Apparently, the Board of Governors have requested a full accounting of the impact of the increase on our teaching and on other affairs of direct benefit to the students. We will continue to monitor these developments.

Other Matters

- The new UBC Bond Issue went on the market successfully in late November. It will allow UBC to finance large projects such as student housing, faculty/staff housing, ancillary business expansion, and the infrastructure of our energy supply.
- There was a year-end surplus in the budget due to the increased student enrolment. Much of this surplus will be distributed to cover the additional costs associated with the over-enrolment of students this academic year.
- We heard also about the indirect cost of research funding and our successes in the Federal research programs, such as the Canada Fund for Innovation and the Canada Research Chairs.
- We heard that the concerns about the St. John's College buildings were under investigation.

Budgetary Inspections and Advice

We are now in the process of hearing reports from the ancillary services of the University.

Michael MacEntee (Chair)

May 2002

Dr. MacEntee

Mr. Simpson

}

*That Senate receive the oral report of the
Budget Committee.*

Carried.

STATUS OF PROFESSIONAL LIBRARIANS

Ms. Friesen gave the following notice of motion to be presented at the September 2002 meeting of Senate.

Whereas professional librarians belong to the Faculty Association and receive all the same privileges and recognitions granted to the teaching and research faculty in that context, and;

Whereas professional librarians are currently ineligible to vote in the election for Chancellor and Convocation Senators because of the definition of "faculty members" in the

University Act, which reads "a person employed on a full time basis by a university who has served for 4 months or longer as an instructor, lecturer, assistant professor, associate professor, professor, or in an equivalent position designated by the Senate," and;

Whereas there appears to be a provision for Senate to include others in the definition of "faculty member" as stated in the phrase "or in an equivalent position designated by the Senate,"

I move that Senate consider this provision to designate librarians to be "in an equivalent position" to faculty members for this purpose and grant professional librarians the same privileges or recognitions as those for teaching and research faculty and/or consider using other provisions of Senate to add professional librarians to the "roll of convocation of the University."

Respectfully submitted,
Margaret Friesen
Librarians' representative to Senate

Seconded by,
Catherine Quinlan
University Librarian

The President accepted the notice of motion and directed the Secretary of Senate to place this item on the agenda for the September 2002 meeting of Senate.

U21 GLOBAL UPDATE

Dr. Fisher recalled a debate in April 2001 regarding UBC's participation in *U21 Global*, and reminded members of Senate that the Vice President, Academic and Provost had agreed to report back to Senate annually on the status of *U21 Global*. He asked Vice President McBride when that report might be forthcoming. Furthermore, Dr. Fisher requested that Vice President McBride address the 20 questions about *U21 Global* that had been prepared by the Faculty Association. Vice President McBride responded that he had understood the report to be due in September 2002, and assured members of Senate that his answers to the Faculty Association's questions would be part of that report. Vice President McBride reported that the President of *U21 Global* had recently been appointed. Vice President McBride had been appointed to the *U21 Global* Academic Standards Council.

Adjournment

MEMBERS OF SENATE COMPLETING THEIR TERMS ON AUGUST 31, 2002

President Piper acknowledged the members of Senate who were to complete their terms on August 31, 2002. She thanked them for their energy, dedication, and contribution to university governance. The following members of Senate had outstanding service records on Senate:

- David Williams, 19 years
- Charles Slonecker, 16 years
- Peter Burns, 16 years
- Richard Tees, 14 years
- Stanley Hamilton, 12 years
- John Gilbert, 12 years
- William McNulty, 12 years
- Ronald Yaworsky, 10 years
- James Berger, 9 years
- Leona Sparrow, 9 years
- Patrick Brady, 9 years
- Stanley Knight, 9 years
- Robert Lowe, 9 years.

Adjournment

There being no further business, the meeting was adjourned. The next regular meeting of Senate will be held on Wednesday, September 18, 2002 at 7:00 p.m.

Appendix A: Curriculum Change Summary

FACULTIES OF AGRICULTURAL SCIENCES AND APPLIED SCIENCE

New Bachelor of Environmental Design (BED) and associated courses:

ARCH 403, 404, 505, 411, 437, 431

LARC 431, 440

FACULTY OF COMMERCE & BUSINESS ADMINISTRATION

New courses COMM 337, 432, 442, 446, 474, 496

FACULTY OF EDUCATION

New course EDUC 390

FACULTY OF GRADUATE STUDIES

Institute of Asian Research

New combined programs: MAPPS/LLB, MBA/MAPPS

Add thematic stream "Infrastructure Policy"

Interdisciplinary Oncology

New M.Sc. and Ph.D. in Interdisciplinary Oncology and associated new courses:

ONCO 501, 502, 510, 549, 649

Occupational and Environmental Hygiene

New Ph.D. program and associated new courses:

OCCH 640, 699

Graduate Studies: Faculty of Arts

New courses LING 502, 507, 508

Graduate Studies: Faculty of Education

New courses ETEC 500, CNPS 587, INDS 530

Graduate Studies: Faculties of Medicine and Commerce & Business Admin.

Changes to the Master of Health Administration

New courses: HCEC 501, 502, 503, 510, 511, 521, 522, 530, 531, 532,
542, 543, 544, 551, 552, 553, 554, 555, 556, 557, 561, 564,
580, 581, 590

Graduate Studies: Faculty of Medicine, Rehabilitation Sciences

Change to thesis requirement in Rehabilitation Sciences

Course changes RSHC 504, 549

Graduate Studies: Faculty of Science

New courses BIOL 537, CHEM 502, CHEM 569

COLLEGE OF HEALTH DISCIPLINES

New courses IHHS 405, 406

Appendix B: Awards for Approval

PREVIOUSLY-APPROVED AWARDS WITH CHANGES IN TERMS:

Global Citizen of Tomorrow Award: Delete this award title and roll the funding into the International Leader of Tomorrow Award.

Rationale: The two awards-Global Citizen of Tomorrow Award and International Leader of Tomorrow Award-were originally structured to represent two significantly different levels of funding. The former was an award of \$27,000 and the latter an award ranging from \$12,000 to \$20,000, depending on need. Recent and forecasted increases in international tuition fees have led to a blurring of the values of these two awards. Since the two awards have very similar criteria of adjudication and identical terms of renewal, and since both awards are funded through international student tuition, it makes sense for the two awards to come together under the name International Leader of Tomorrow Award.

International Leader of Tomorrow Award: Awards ranging in value from \$14,000 to \$34,000 each are offered to outstanding international students who would otherwise be financially unable to pursue post secondary education. The value of each award will depend on the applicant's financial circumstances. The awards are made to students entering the University directly from secondary school or transferring from another post secondary institution to an undergraduate program of study. In addition to academic merit, consideration is given to qualities such as leadership skills, involvement in student affairs or contribution to community service, to recognized achievement in fields of endeavor such as performing arts, athletics, debating or creative writing, and to achievement on external math or science competitions or examinations such as the International Chemistry and Physics Olympiads. Consideration is restricted to students nominated by the educational institution they are attending. The range for this award will be reviewed and adjusted annually to reflect any changes in international student tuition and cost of living. The awards will be renewed for up to three additional years of undergraduate study or to degree completion, whichever is less, provided the recipient stands in the top quartile of his or her program of study and maintains his/her status on a student authorization to study in Canada. Award winners will have their situations reviewed annually regarding both academic progress and financial need to determine the amount of the award in subsequent years for which they are eligible.

How changed: *the range has been changed from \$12,000-\$20,000 to \$14,000-\$34,000. This reflects both recent and forecasted increases in international tuition fees. Criteria additional to academic merit have been more clearly delineated, and there is a clear indication that the value of the award is subject to change annually following a review of the award winner's academic progress and financial situation.*