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

MINUTES OF FEBRUARY 19, 1992

Attendance

Present: President D. W. Strangway (Chairman), Vice-President D. R. Birch, Mr. S. Alsgard, Dr. A. P. Autor, Mr. J. A. Banfield, Dr. L. L. Bongie, Professor E. A. Carty, Dr. R. L. Chase, Dr. T. S. Cook, Mr. N.A. Davidson, Dr. K. Dawson, Dr. J. D. Dennison, Dr. G. W. Eaton, Dr. A. J. Elder, Ms. C. J. Forsythe, Mr. C. Fung, Mr. E. B. Goehring, Dean M. A. Goldberg, Dean J. R. Grace, Dr. R. D. Guy, Dr. S. W. Hamilton, Dr. M. Isaacson, Dr. J. G. T. Kelsey, Dr. M. M. Klawe, Ms. J. Lahey, Mr. O. C. W. Lau, Mr. D. K. Leung, Dr. S. C. Lindstrom, Mr. S. Lu, Dr. D. M. Lyster, Mr. S.W.T. Mak, Dean M. P. Marchak, Dean B. C. McBride, Dr. J. A. McLean, Dean J. H. McNeill, Mr. W. B. McNulty, Dean A. Meisen, Dr. A. G. Mitchell, Dr. L. Paszner, Dr. R. J. Patrick, Ms. B. M. Peterson, Mrs. S. K. Prpic, Miss C. L. Rankel, Professor R. S. Reid, Dean J. F. Richards, Mr. M. M. Ryan, Mr. A. J. Scow, Dr. G. G. E. Scudder, Dr. C. E. Slonecker, Dean C. L. Smith, Dr. L. de Sobrino, Dr. R. C. Tees, Dr. A. Van Seters, Dr. J. M. Varah, Dr. D. A. Wehrung, Dr. R. M. Will, Ms. N. E. Woo, Dr. W. C. Wright, Jr.

Regrets: Chancellor L. R. Peterson, Mr. D. A. Anderson, Miss K. Bentsen, Dean C. S. Binkley, Dr. M. A. Boyd, Dr. D. M. Brunette, Professor P. L. Bryden, Mr. R. Bush, Dr. D. G. A. Carter, Dr. S. Cherry, Dr. S. E. Grace, Mr. M. L. Hanik, Rev. J. Hanrahan, Dean M. J. Hollenberg, Mr. J. Jacob, Dr. H. McDonald, Ms. E. Onno, Dr. P. Resnick, Dean P. B. Robertson, Dean N. Sheehan, Dr. L. J. Stan, Miss S. Sterling, Mr. M. Sugimoto, Mr. G. A. Thom, Dr. W. Uegama, Dr. J. Vanderstoep, Mr. L. Waldman, Miss R. Walia, Dr. D. Ll. Williams.

Minutes of the previous meeting

Dr. Tees
Prof. Reid

That the minutes of the fifth regular meeting of Senate for the Session 1991-92, having been circulated, be taken as read and adopted.

Carried.

Chairman's Remarks and Related Questions

President Strangway stated that he had no remarks to make.

From the Board of Governors

Notification of approval in principle of Senate recommendations - subject to the following proviso (where applicable) i.e. 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.

i. Proposal of the Faculty of Arts to change the name of the Department of Slavonic Studies to the Department of Russian and Slavic Languages and Literatures.

ii. Awards (p.10188)

iii. Establishment of Chairs (pp.10182-3)

iv. Establishment of the Entrepreneurship and Venture Capital Research Centre within the Faculty of Commerce and Business Administration. (p.10159)

v. Proposal of the Faculty of Law to establish a Chair in Women and the Law. (pp.10159-60)

vi. Proposal of the Faculty of Graduate Studies to establish a Centre for Applied Ethics. (pp.10183-4)

vii. Course change recommended by the Faculty of Medicine. (p.10150)

viii. Curriculum proposals from the Faculties of Arts, Commerce and Business Administration, Education, Pharmaceutical Sciences, and Science (with the exception of changes to the prerequisite statement for MATH 140), and the Schools of Nursing, Physical Education and Recreation, and Rehabilitation Medicine. (pp.10189-10210)

Reports of Committees of Senate

ACADEMIC POLICY COMMITTEE

Dr. Tees, Chair of the Committee, presented the following report, which had been circulated:

Re: Changes in Calendar Entries

A. PROPOSED CHANGES TO THE SECTION "GENERAL INFORMATION"

1. ADMISSION TO THE UNIVERSITY (SEE 1991/92 CALENDAR, PAGE 18)

(a) Students with Disabilities (page 19)

The committee proposes replacing the first and second paragraphs of the current entry with the following: (changes in bold print)

> **Academically qualified students who have physical, sensory or specific learning disabilities are encouraged to attend the University of British Columbia. The University has available a wide variety of services, including several forms of special assistance, designed to accommodate the needs of students challenged by their disability.**
>
> **Students requiring special assistance or consideration in order to meet program or degree requirements should advise their dean's or director's office of the nature of their disability as soon as they have been admitted or the need for assistance is known to exist. Students with disabilities should also contact the Disability Resource Centre (see entry "The Disability Resource Centre", page 35) for a description of the services available and to arrange access to them.**

The section "Disabled Student Services" will be replaced with a revised entry prepared by the Disability Resource Centre and included as part of the Centre's entry on page 35.

(b) Concurrent Enrolment Policy (page 19)

To reflect the fact that students admitted to concurrent studies are different from unclassified students (e.g.: they may count credit for work done toward a degree) a new "Concurrent Studies" student category is proposed (see 2 (b) below). We therefore propose deleting the words "as unclassified students" from the end of the first sentence, which would then read:

> **Students who are enrolled in Grade 11 or 12 in a B.C. secondary school may be admitted to the University to pursue "Concurrent Studies".**

2. CLASSIFICATION OF STUDENTS (SEE 1991/92 CALENDAR, PAGE 24)

(a) New category for visiting EAP students

The Education Abroad Program Advisory Committee recommends that an additional student category should be added following the existing entry, "Visitor":

Exchange: A visiting student studying at the University of British Columbia under a Senate approved Education Abroad Program and enrolled in studies for transfer to a degree program at another university.

(b) New category for Concurrent Studies students

Concurrent Studies: A student who is enrolled in grade 11 or 12 in a B.C. secondary school and who has been admitted to the University to pursue concurrent studies (see Admission to the University, Concurrent Enrolment Policy).

(c) New category for Dental, Medical and Pharmacy Residents

The Registrar's Office recommends that the following additional student category should be added:

Resident: A dental resident, medical resident or intern or pharmacy resident registered in a postgraduate training program in the Faculty of Dentistry, the Faculty of Medicine or the Faculty of Pharmaceutical Sciences.

Dental Residents (Calendar, page 118) and Medical Interns and Residents (Calendar, page 202) are not in UBC degree or diploma programs but are considered to be UBC students and are required to register. They are not adequately covered by any existing student category. The Registrar's Office uses the student category "Resident" for these students.

B. PROPOSED CHANGES TO THE SECTION "GENERAL ACADEMIC REGULATIONS"

1. RETENTION OF STUDENT RECORDS (NEW ENTRY)

The Registrar's Office has adopted the student record retention policy set out in the attached statement. The policy is consistent with the policies for student record retention used in other universities and is necessary to allow the Registrar's Office to keep their paper and electronic files down to a reasonable size.

To inform students and others of this policy the following Calendar entry is proposed, to appear on page 27 immediately before "TRANSCRIPT OF ACADEMIC RECORD":

RETENTION OF STUDENT RECORD

Academic Records, including all information appearing on a Transcript of Academic Record, are retained indefinitely. Notations of student discipline are retained according to the terms of the penalty imposed. Material supporting applications for admission, correspondence and transcripts from other institutions and similar material may be destroyed five years after a student's last registration. Other material may be destroyed sooner.

> **Students who submit irreplaceable material may request the return of that material. Such requests must be submitted with the original material. The office to which the material is submitted will return the material as soon as possible and not later than six months after the student's graduation or last registration.**

2. TRANSCRIPT OF ACADEMIC RECORD (SEE PAGE 27)

The present first paragraph reads as follows:

> A transcript of a student's academic record, will, on written request of the student, be mailed directly to the institution or agency indicated in the request. An official transcript will not be given to a student except in special circumstances when the transcript will be issued in a sealed envelope carrying the inscription "official transcript valid only if presented with seal unbroken".

To reflect current practice this should be amended to read as follows:

> **An official transcript of a student's academic record, will, on written request of the student, be mailed directly to the institution or agency indicated in the request or given to the student in a sealed envelope carrying the inscription "Official transcript enclosed. Invalid if envelope presented with seal broken".**

The sentence in the penultimate paragraph which gives specific fees for transcripts should be deleted and the following statement added to the last paragraph, which will read:

> **Fees for transcripts are payable in advance; transcripts will not be provided until payment is received (see the Calendar entry: FEES, item 27, "Special Fees, Transcript of Academic Record").**

3. WITHDRAWAL (SEE PAGE 28)

(a) Withdrawal from courses during the W period

To reflect the regulations and to clarify current practice, revise the first sentence of the second paragraph as follows:

> **Students may withdraw from courses in which they are registered at any time up to the end of the sixth week of class for courses which are offered in a single term, and of the twelfth week of courses which span two terms, *subject to approval by the appropriate faculty or school.*** (italicized wording is new)

Some students have argued that "at any time" means they can drop courses without restriction. The additional wording clarifies that this is not the case.

(b) Withdrawal from courses that are being audited.

The present Calendar entry includes the following:

> "Auditors may withdraw without prejudice at any time; in the case of withdrawal the record of registration will be removed from the transcript".

We propose replacing this with:

> **"The dates for withdrawal given above also apply to students auditing courses."**

Problems with the current statement include the following:

i. It is not clear whether the statement applies to a regular student auditing one or two courses (the usual situation), to a student registered in the Category "Auditor", or to both.

ii. The statement is inconsistent with the Calendar entry on the Audit category (page 24) which states:

> "An auditor is defined as a student registered in a credit course whose participation is limited to that deemed appropriate by the instructor but who, in general, is expected to maintain the same schedule of readings as regular students although not expected to write examinations."

According to the present Calendar statement on withdrawal, a student who does not meet this expectation can retroactively withdraw from the course.

The proposed change has the following implications:

i. A student who is auditing a course (regardless of student category) and who withdraws within the first 2 or 3 weeks would have the course removed from his or her record and would receive a full refund of fees.

ii. A student who withdraws within 6 or 12 weeks would get a W, and there would be nothing to indicate that the status before withdrawal was Audit. Fees would be refunded according to the schedule in the Calendar.

iii. After the end of the W period the student would have to remain registered in the course unless late withdrawal was approved by the Faculty.

(c) Withdrawal from the University

The present last paragraph of the section reads as follows:

> After Telereg has closed for withdrawals, a student who decides to withdraw from the University must present a Change of Registration form, signed by the appropriate Dean, Director or Faculty Advisor, to the Office of Registrar. The Registrar will then grant Honourable Dismissal and decide whether or not there may be a refund of fees.

Proposed amendment:

> **A student who decides to withdraw from the University must present a Change of Registration form to the appropriate Dean, Director or Faculty Advisor. The Transcript of Academic Record will show the date of withdrawal. When Telereg is available undergraduate students may withdraw from the University by using Telereg to withdraw from all courses. The courses which will appear on the transcript and the standing in those courses will be determined in accordance with the regulations above.**

This amendment expresses current practice and makes it clear that the courses for which the student was registered will be shown on the transcript unless the student withdrew from them according to the applicable regulations.

4. EDUCATION ABROAD PROGRAMS (EAP) (SEE PAGE 28)

When UBC students who have studied abroad on Senate approved Education Abroad Programs return to UBC the courses taken at the partner institution are entered on their UBC record. The institution at which they studied, the courses taken and the equivalent UBC credits earned will print on their UBC transcript.

To ensure that the records of students who are away on exchange programs remain active in the Student Information System and to provide a simple mechanism for assessing the UBC tuition fees payable during this period these students will be required to register in a non-credit activity at UBC in each term during which they are abroad. This registration will also generate a transcript entry indicating that the student is (or was) studying abroad on an approved exchange program during the session.

To inform students of this requirement we propose the following addition, to follow the present last paragraph in the section:

> **Students must register in the appropriate non-credit activity at the University of British Columbia in each term of study abroad on an EAP.**

The Registration Guide will contain specific information on the non- credit activities which will allow students to register in the appropriate activity using Telereg.

Dr. Tees
Dean McBride
} *That the proposed changes to the "General Information" section of the Calendar be approved.*

In response to a query, Dr. Spencer stated that it was a UBC practice to require students who audit courses to undertake the same course work as regular students but they are exempt from sitting a final examination. It has been the policy not to record the course as having been completed for audit purposes on a student's transcript unless that requirement is met. The question relating to withdrawal relates more to whether or not the students can get the fees back for the course than whether or not they fail. He stated that unless the Academic Policy Committee gives further consideration to this matter the current policy will be implemented by recording a student as having completed a course

if that is the judgement that the instructor returns on the Report of Grades Form, and to put no entry if the student has not audited the course to the satisfaction of the instructor.

The motion was put and carried.

ADMISSIONS COMMITTEE

Dr. Will, Chair of the Committee, presented a report on: changes in admission requirements for Science and for Education; EAP partners; Nursing, change in credits for work completed at other institutions; appeals; NITEP admission results; changes in admission requirements for Forestry; and enrolment quotas for 1992-3.

FACULTY OF SCIENCE

Change in admission requirements

Dr. Will
Dean McBride

That effective for the 1993 Summer Session, a standing of C+ or better in Mathematics 12 (or equivalent) be required for admission to the Faculty of Science.

Carried.

FACULTY OF EDUCATION

Changes in admission requirements

The following proposals had been circulated:

A. Admission

1) Applicants for the Elementary Teaching Program (no change to first paragraph)

Pre-admission studies must include:

(a) 6 credits of English or Arts One (or equivalent). Graduates who have not taken an English course may be admitted subject to either passing an English exemption examination or completing 6 credits of English before qualifying for a teaching certificate.

(b) At least 3 (preferably 6) credits in a laboratory science, in mathematics (not statistics), and in social studies (history or geography). Laboratory science courses are normally selected from the life sciences, chemistry, physical geography, geology, astronomy, or physics. (No change to subsections c. and d.)

2) Applicants for the Secondary Teaching Program

A four-year Bachelor's degree (or equivalent), normally... (No change to the remainder of the first 2 paragraphs)

Pre-admission studies must include:

(a) 6 credits of English or Arts One (or equivalent). Graduates who have not taken an English course may be admitted subject to either passing an English exemption examination or completing 6 credits of English before qualifying for a teaching certificate. (No change to subsections b and c.)

3) Recommendations for All Applicants

(a) Because only a limited number of applicants can be admitted in any year, admission may be competitive and some applicants who satisfy the minimum requirements may not be admitted. Applicants are encouraged to attain broader post-secondary studies, more extensive subject preparation, and higher grades than the minimum specified.

(b) A second-level course in English composition or writing, such as English 303 or 304 or Creative Writing 301, is highly desirable for all prospective teachers.

(c) (subsection f. from present entry with the following added). Those planning to begin programs in September 1993 or later should note that the B.C. College of Teachers may require them to complete 6 credits of Canadian Studies before eligibility for a B.C. Teaching Certificate.

(d) All applicants are encouraged to include within their post- secondary studies an introductory course on issues in educational theory and practice.

(e) (subsection g. from present entry)

(f) (subsection c. from present entry)

(g) (subsection h. from present entry)

4) **Selection of Candidates** (no change to this section)

E. Prior Programs
(Sections 1 - 3 to remain substantially as is with the following added. . .)

(4) Students who previously qualified for a teaching certificate but who do not complete all degree requirements by 1993 and who wish to qualify for the Bachelor of Education (Elementary) degree may follow the 2-year B.Ed. requirements (see section B.1 above), as follows:

(a) They must qualify for admission according to the current minimum admission requirements, with appropriate completed courses counted towards such requirements.

(b) Credit will be granted towards the requirements of the 2-year program for appropriate completed courses and practica.

(c) Those who have not taught within the previous 10 years may require updating courses and practica in addition to the minimum requirements of the program.

(5) NITEP students who have not completed the previous 4-year program may transfer to the current 5-year NITEP program (see section B.4 above) under similar arrangements.

(6) Students preparing as Technology Education (Industrial Education) teachers and who do not complete their 5-year B.Ed. (Secondary) by 1993 may transfer to the current program (see section C.3 above) under similar arrangements.

F. Programs for Candidates Holding Teaching Certificates

(1) Individuals who qualified for teaching certificates in B.C. or elsewhere but who do not hold currently valid B.C. certificates should first consult the B.C. College of Teachers for a ruling concerning their eligibility for a B.C. Certificate.

(2) Persons who have a program of 18 or fewer credits of pedagogical courses plus practicum requirements of 9 or fewer weeks duration prescribed as a condition of qualifying for a B.C. Teaching Certificate may be admitted as occasional students (see section II.B. below). Normal program and course (including practicum) prerequisites will apply.

(3) Those without a B.Ed. degree who hold a valid B.C. Teaching Certificate issued on the basis of preparation completed elsewhere (or on the basis of such studies plus the work indicated in subsection 2.), may pursue studies according to the 2-year B.Ed. (Elementary) requirements (see section E.4 above). A maximum of 36 advance credits will be allowed towards the 72 credits required for the 2-year B.Ed. (Elementary) degree.

(4) Those who qualified as teachers outside B.C. but who do not qualify for a B.C. Teaching Certificate as provided in subsection 2, must normally proceed as new applicants to the program of initial teacher education."

The Admissions Committee recommended approval, subject to the following changes: (changes in bold print)

A.1.(a) ...or completing 6 credits of English before qualifying for a teaching certificate or **the B.Ed. degree. Those planning to seek admission for 1993 or later should note that as a result of a ruling of the B.C. College of Teachers, the English exemption examination will not be an option for those admitted in January 1993 or later.**

A.2.(a) ...or completing 6 credits of English before qualifying for a teaching certificate or **the B.Ed. degree. Those planning to seek admission for 1993 or later should note that as a result of a ruling of the B.C. College of Teachers, the English exemption examination will not be an option for those admitted in January 1993 or later.**

A.3.(b) **A further** course in English composition or writing, such as English 303 or 304 or Creative Writing 301, is highly desirable for all prospective teachers.

A.3.(d) ...an introductory course on issues in educational theory and practice, **such as Sociology 466.**

F Change heading to "**Programs for Candidates Upgrading Teaching Qualifications**".

Dr. Will
Dr. Kelsey } *That the proposals of the Faculty of Education for changes in admission requirements, with the amendments noted, be approved.*

Carried.

Proposed EAP (Education Abroad Programs) Partners

The Committee recommended that Senate approve exchange agreements with the following institutions:

University of Melbourne, Australia
Jean-Moulin (Lyon3) University, France
Augsburg University, Germany
Seigen University, Germany
Keele University, Great Britain
Sophia University, Japan
National University of Singapore
National Taiwan University, Taiwan
Ewha Women's University, Korea

Dr. Will
Dean Goldberg } *That agreements with the institutions listed be approved.*

Carried.

SCHOOL OF NURSING

The Committee recommended approval of the following proposal:

Under Admission to the Third Year of the B.S.N. Program for Registered Nurses - last paragraph, insert the _underlined_ section:

A maximum of 30 credits ... and the School of Nursing. <u>A maximum of 6 credits may be granted for post-basic continuing education courses in nursing completed in an educational institution. Requests for such credit will be considered on an individual basis.</u> All B.S.N. ... except NURS 426.

Dr. Will
Dean Meisen } *That the proposal of the School of Nursing be approved.*

Carried.

Appeals on Admission and Readmission

It was stated in the material circulated that a total of 16 undergraduate appeals for admission and readmission had been granted, and 76 denied. One postgraduate appeal had been heard and denied.

1990 NITEP Admissions Academic Results

The following report on NITEP Admissions Academic Results had been circulated for information:

1. NITEP approved 28 applications and 27 people registered for the program.
2. A breakdown of students' averages shows:

8	1st class standing
13	2nd class standing
3	pass standing
2	failed
1	withdrew

3. Of the 27 students, 23 completed all UBC courses which they attempted.

FACULTY OF FORESTRY

Changes in admission requirements

The Committee recommended approval of the following Calendar statement on requirements for admission to the B.S.F., B.Sc. (Forestry), and the B.Sc. (Natural Resources Conservation) programs:

The Faculty of Forestry will accept applications from students with varying educational preparation: (1) directly from secondary graduation; (2) following completion of at least 30 credits at UBC or its equivalent at another post-secondary institution; (3) after the completion of a two-year Forestry diploma program at a recognized institute of technology; or (4) from an approved one- or two-year Forestry transfer program at a B.C. Community College.

Students entering from secondary school must have met the general University entrance requirements (see General Information section of this Calendar), including Mathematics 12, two of Biology 11, Chemistry 11, Physics 11 (all three are strongly recommended), and one of Chemistry 12 or Physics 12.

Students who enter Forestry following the completion of at least 30 credits of work at UBC, or its equivalent at another post-secondary institution, must have attained an overall average of at least 60% in all credits attempted. On entry into the Faculty of Forestry, students must select one of four major programs - Forest Resources Management, forest Harvesting, Wood Science and Industry, and Forest Science. Students entering the Forest Management, Forest Harvesting, or Wood Science and Industry programs must have completed, in their 30 credits or more of university-level work, 6 credits of first-year English, Mathematics 100 and 101 (or 140 and 141 for the Forest Management major), Biology 101 or 102 or 103, and either Physics (110 or 120) or Chemistry (103 or 110 or 120), or an equivalent. If either Chemistry or Physics has not been taken at the Grade 12 level, it must be the subject included in the above-stated requirements. Moreover, it is recommended that students include both Chemistry and Physics in their First-Year program. Students selecting the Forest Science major must have completed in addition to 6 credits of first-year English and Biology 101 or 102 or 103, Mathematics 111 or 100 (or 140) and 101 (or 141), and Chemistry 103 or 110 or 120. The major programs are designed to allow completion in three years following at least one year (30 credits) of university-level work.

Applicants graduating from a two-year Forestry Technology diploma program must have achieved an overall average of at least 65% in their program. Provided that students have the science and mathematics requirements from secondary school graduation as outlined above, consideration will be given to individual cases of study in determining the transfer credits that may be applied to the Forestry degree program.

Application for admission by students or graduates of other universities, colleges, or other faculties will be reviewed individually. It may be possible to design study programs for such applicants that meet Forestry degree requirements in less than the full four years. Transfer students may be required to validate advanced standing in a given subject by passing an examination.

Applicants who are uncertain about the selection of a major, and those who lack some of the required courses but may have other advanced credit, are urged to consult the Admissions Officer of the Faculty of Forestry.

Undergraduate students with the necessary background and the permission of the instructor concerned may be allowed by the Dean to register in a regularly scheduled graduate course in Forestry.

B.Sc. (Natural Resources Conservation)

Students enter the program (1) directly from secondary school graduation provided they have met the University general entrance requirements (see General Information section of this Calendar) and have completed Mathematics 12 and Chemistry 11, or (2) following completion of at least 30 credits at UBC or its equivalent at another post-secondary institution, providing an overall average of at least 60% has been attained in all credits attempted. In the case of transfer students, consideration will be given to individual courses of study in determining the transfer credits that may be applied to the B.Sc. (Natural Resources and Conservation) program.

Dr. Will
Dean McBride
} *That the Calendar statement on admission requirements for the Faculty of Forestry be approved.*

Carried.

ENROLMENT QUOTAS FOR 1992-3

The Committee recommended approval of the following enrolment quotas for 1992-93:

Admissions Committee – Enrolment Quotas for 1992-3

Faculties	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
Arts 1st Year	1500	1500	1500	1500	1500	1500	1500
2nd Year	450	450	450	450	450	450	450
3rd Year	300	300	300	300	300	300	300
Ag. Sc.	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Applied Science 1st Year	450	450	450	450	450	450	450
2nd Year	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Architecture	46	45	45	45	45	45	45
Audiology & Speech Sciences	20	20	25	25	30	30	30
Commerce & Business Administration	390	390	390	395	395	395	395
Dentistry DMD	40	40	40	40	40	40	40
B.D.Sc. (1992 New Program)	-	-	-	-	-	-	10*
Education B.Ed (Elem.)	n/a	125	225	290	414	336	350*
B.Ed (Sec.)	n/a	120	165	220	330	355	355
B.Ed. (Elem.) NITEP	n/a	30	30	30	30	30	30
Family & Nutritional Sciences	n/a	n/a	n/a		36	36	36
Forestry	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Law	240	240	240	240	240	240	240
Library Archival & Information Studies	45	45	60	57	62	70	70
Medicine	120	120	120	120	120	120	120
Music 1st Year	n/a	56	67	60	60	56	
2nd & 3rd Year	n/a	n/a	33	32	44	30	250*
4th Year	-	-	-	-	-	-	
Nursing	80	80	80	160	160	160	160
Pharm Sc.	140	140	140	140	140	140	140
Phys. Ed. & Rec. 1st Year	n/a	n/a	n/a	65	65	65	65
2nd Year	n/a	n/a	n/a	60	60	60	60
3rd Year	n/a	n/a	n/a	45	45	45	45
Rehabilitation Medicine O.T..	24	24	30	35	35	35	35
P.T	26	26	30	35	35	35	35
Science	1400	1400	1400	1312	1312	1312	1200*
Social Work Post B.A. 1st year	35	35	35	35	30	-	-
Post B.A. 2nd year	35	35	35	55	50	-	-
B.S.W.	30	30	30	12	30	85*	60*

* *Denotes change.*
** *Denotes total 2nd year registration including new admissions.*

Dr. Will
Dean Marchak } *That the enrolment quotas for 1992/93 be approved.*

Carried.

GRADUATE STUDIES - AUDIOLOGY AND SPEECH SCIENCES ADMISSION REQUIREMENTS

The Committee recommended approval of the following Calendar statement on admissions, which was circulated at the meeting:

Undergraduate Preparation

Admission to the M.Sc. program is on a competitive basis. Applicants should have appropriate undergraduate preparation as defined below. A cumulative average of at least 74% over the last two years of a 4-year undergraduate degree, and at least 12 credits with a minimum grade of 80% of courses at the 300 level or above, are minimum requirements. A number of courses are considered appropriate preparation for graduate work in Audiology and Speech Sciences. Students accepted into the program normally have a degree in either linguistics or psychology, with good background in the other discipline. Students intending to apply for admission to the program should: (1) complete all five prerequisites listed below; (2) develop an undergraduate major which will include, in addition to the five prerequisites, as many of the Core Curriculum and Recommended courses listed below as possible. This can be achieved through either a linguistics or a psychology bachelor degree. However, UBC and UVic undergraduates are encouraged to complete the Speech Science major offered by the Linguistics Departments at these universities. Numbers in parentheses refer to UBC course numbers.

Prerequisite Courses (required for admission)

1st Year Calculus (MATH 100 or 111 and 101) 6 or 9 credits
Language Acquisition in Children (LING 350) 6 credits
Studies in Phonology I (LING 400) 3 credits
Developmental Psychology (PSYC 302 and 315) 6 credits
Sensation and Perception (PSYC 313) 6 credits

Core Curriculum Courses open to undergraduates *(required for completion of M.Sc. program)*

Studies in Grammar I (LING 300) 3 credits
Phonetics: Theory and Practice (LING 310) 3 credits
Biological Foundations of Language (LING 315) 6 credits
Introduction to Neurolinguistics (AUDI 402) 3 credits
Acoustic Phonetics (AUDI 513) 3 credits
Auditory Mechanisms (AUDI 514) 3 credits

Recommended Courses *(excellent preparation for M.Sc. program)*

1st Year Physics (PHYS 110 or 115) 6 credits
1st Year Computer Science (CPSC 124 and 126) 6 credits
Introduction to Speech Pathology & Audiology (AUDI 400) 3 credits
Studies in Grammar II (LING 301) 3 credits
Studies in Phonology II (LING 401) 3 credits
Morphology (LING 405) 3/6 credits
Introduction to Semantics (LING 427) 3/6 credits
Field Methods I & II (LING 431 and 432) 6 credits
Brain and Behaviour (PSYC 304) 6 credits
Cognitive Processes (PSYC 309) 6 credits
Individual Differences (PSYC 311) 6 credits
Research Methods and Design (PSYC 317) 3 credits
Analysis of Behaviourial Data (PSYC 318) 3 credits
Psychology of Aging (PSYC 322) 6 credits
Psychology of Language I & II (PSYC 336 and 337) 6 credits
Biopsychology (PSYC 360) 6 credits
Research Methods in Child Psychology (PSYC 414) 6 credits
Psycholinguistics (PSYC 521) 3/6 credits

The Core Courses in the above list are required for the M.Sc. degree. Undergraduate students are encouraged to take them as part of their bachelor program, thus making room for graduate level electives or making it possible to complete the M.Sc. program in two years.

Students with other academic backgrounds who have outstanding academic records and who are interested in applying, should write to the Chair of the Committee on Admissions with the details of their academic preparation.

For further information concerning course listings at universities other than UBC, contact the Chair of the Committee on Admissions, School of Audiology and Speech Sciences, who will provide a list of acceptable equivalent courses at the other institution, provided equivalents exist.

Application for Admission

Persons interested in applying to the School's M.Sc. program should call or write for application materials. The application process then occurs in two stages:

I Preliminary application: the applicant should return to the School the "Request for Application Material" and the "List of Prerequisites". Only when both of these forms have been received will the applicant be notified whether or not to proceed to the next step. Applicants who are non-native speakers of English must also provide a 5-10 minute audio cassette recording of their speech. This speech sample can be on any topic, as long as it is neither read nor recited.

II. Full application: all of the following documents should be received by March 31. These documents are:

1. An application form, including the (yellow) "Additional Information" form, completed and signed.
2. A processing fee of $40 Canadian or $36 US, by cheque, bank draft or money order, should be made payable to "UBC - Faculty of Graduate Studies".
3. An updated (if warranted) "List of Prerequisites to the M.Sc. Program".
4. A written statement by the applicant of up to 500 words indicating why s/he wishes to study audiology and/or speech-language pathology, the aspects of the field which are of particular interest to her/him and any other fact(s) relevant to her/his choice. At the end of the statement, a list should be given with the names of the professionals (at least one audiologist and one speech-language pathologist) who have been observed in the course of their practice.
5. The official transcript(s) of all post-secondary institutions attended. If still attending university at the time of application, the applicant should send the most recent transcript available from that institution, as well as a list of the courses s/he is currently enrolled in, including the standing at the time. An official and complete transcript should also be sent as soon as available, even if past the application deadline. If any transcript is not in English or French, an official translation must be provided.
6. Three letters of reference, at least two of which should be written by professors who taught the applicant in the last two years of university work. These letters must be mailed directly to the School by the referees.
7. Test of English as a Foreign Language (TOEFL) Proof of proficiency in the English language is required if English is not the applicant's native language. No offer of admission to the University will be made until we receive a TOEFL result. The minimum acceptable score for this program is 600.

It is the applicant's responsibility to ensure that all of these documents are received by the School. No application will be processed until all of the materials listed above have been received. Offers of admission are made in three rounds. Candidates who wish to be considered for a University Graduate Fellowship must submit their documents to arrive by January 15 Deadline for the second and major selection round is March 31. Candidates whose application materials are received after March 31 will be considered in an additional selection round, if positions are still available in the program. Applicants accepted in the first two selection rounds will be notified of the outcome of their application no later than April, others at a later date.

Dr. Will
Dean Goldberg

That the Calendar statement on admissions for the Audiology and Speech Sciences Graduate program be approved.

Carried.

NOMINATING COMMITTEE

PROPOSED MEMBERSHIP OF AD HOC COMMITTEE ON UNIVERSITY RESIDENCES

Dr. Elder, Chair of the Committee, presented the following report:

At its meeting of January 15, 1992, Senate agreed to the establishment of an *ad hoc* committee to enquire into the academic atmosphere of the University residences and the measures taken for their improvement. The Nominating Committee recommends the following membership:

Dr. D. M. Brunette
Ms. C. J. Forsythe
Dr. M. M. Klawe
Mr. D. K. Leung
Mr. W. B. McNulty
Ms. B. M. Peterson
Mrs. S. K. Prpic
Professor R. S. Reid

Dr. Elder
Dean Smith

That the recommendations of the Nominating Committee be approved.

Carried.

STUDENT AWARDS COMMITTEE

In presenting the report, Dr. Cook, Chair of the Committee, drew attention to the William A. Webber Prize in Anatomy which had been established in honour of

Dr. Webber, former Dean of the Faculty of Medicine, and to the Pearl Schneider Chan Memorial Scholarship in Music which had been established through the President's Fund and the World of Opportunity Campaign.

Dr. Cook
Dr. Kelsey
} *That the new awards (listed in the Appendix) be accepted subject to the approval of the Board of Governors and that letters of thanks be sent to the donors.*

Carried.

FACULTY OF FORESTRY

Change in English Requirements

Senate was informed that the Calendar statement on the English Requirement for the Faculty of Forestry, which had been circulated, replaces the one approved at the previous meeting (p.10216).

That the Calendar statement on the English Requirement for the Faculty of Forestry be approved.

Dr. Guy
Dr. Tees
} *That the Calendar statement on the English Requirement for the Faculty of Forestry be approved.*

The Registrar said that he had some concerns about publishing in the Calendar a statement which says a student must pass a non-credit course by achieving a satisfactory LPI score. He felt that detailed prerequisites for admission to first year English courses (including the LPI requirements) should appear in the Faculty of Arts Calendar entry and in the "Courses of Instruction" section. Calendar entries for other programs that require first year English courses should refer students to these detailed entries.

Dean Marchak said that although the statement from the Faculty of Arts had stated that those students whose LPI scores are below the level required for entrance into first

year English courses must take a non-credit writing course, she agreed that it would be more appropriate if the word "must" was changed to "encouraged" or "advised", since she felt that you could not force a student to take a non-credit writing course. However, you could require that they achieve the required LPI score and advise them to use the University Writing Skills Centre as a means for doing that.

After further discussion it was agreed that the Registrar would modify the Calendar statements on the LPI to reflect the concerns expressed.

The motion was put and carried.

The statement was subsequently revised, as follows:

> To qualify for the degree of B.S.F. or B.Sc. (Forestry), students must satisfy the English Requirement of the Faculty of Forestry. To do this students must obtain credit for two of English 110, 111, 112, 120 and 121.
>
> With the exception of students who obtained a mark of A in English 12 or English Literature 12, all students entering first-year English courses at The University of British Columbia are required to write the Language Proficiency Index (LPI) examination. Returning UBC students who have not yet completed six credits of first-year English, will also be required to take the LPI examination.
>
> Those students whose LPI scores are below the required level for entrance into first-year English courses are advised to take a non-credit writing course in the University Writing Skills Centre and may not register for more than 12 credits of course work per term. Upon being permitted to enrol in first-year English courses, these students must do so at the first opportunity.
>
> Students must complete the English Requirement before entering the Third Year of their program, or within one year of first registering at UBC, whichever date is later.

FACULTY OF PHARMACEUTICAL SCIENCES

Chair in Pharmacy Administration

It was stated in the material circulated that Pharmacy Administration is a relatively new discipline within pharmaceutical education, and that its teaching and research activities are being strengthened at most universities in North America. Pharmacy Administration is the study of legal, ethical, social and economic aspects of pharmacy. It is concerned with the evolving concept of pharmaceutical care and the role of pharmacists in the health care system. The development of the health care system requires continuing active study and research. The importance of an active research program in this field by Pharmacy is more apparent every day. The dividends of such research will accrue to the people of the province, the administrators of health programs, the profession and to the Faculty. As examples, research into cost effectiveness of drug treatments, the use of generic drugs and the optimization of pharmaceutical care could result in cost savings and in better health care for the people of British Columbia.

Dean McNeill
Dr. Lyster
} *That the proposal of the Faculty of Pharmaceutical Sciences to establish a Chair in Pharmacy Administration be approved.*

Carried.

Reports from the Registrar

CALENDAR STATEMENT ON REQUIREMENTS FOR ADMISSION TO FIRST YEAR ENGLISH COURSES (LPI EXAMINATION)

The following statement, which was modified at the meeting, had been circulated for information:

To ensure that students who are applying for admission are aware that in most cases they will be required to write the Language Proficiency Index exam before registering for their program at the university, the following changes to the Calendar section "Admission to the University" are proposed:

P. 19 of Column 1 of 1991-92 Calendar

After **Transfer Credit or Placement** and before **Students with Disabilities** add the following new entry:

Language Proficiency Index (LPI) Examination

Effective for courses beginning in September 1992, students entering first-year English courses at the University must have either achieved a satisfactory score in the Language Proficiency Index examination (LPI) or achieved one of the following: (i) a final grade of A in English 12 or English Literature 12, (ii) a grade of 5 on the Advanced Placement (AP) examination in English Literature and Composition or (iii) a grade of 6 or 7 on the "higher level" of the International Baccalaureate (IB) examination in English Literature. Students transferring to the University from other institutions who have completed the equivalent of six credits of first-year English and returning UBC students who have completed six credits of first year English or who have passed the UBC English Composition Test are exempt from this requirement.

Students who are resident in British Columbia and who are required to write the LPI examination should do so prior to registration. Other students should write the LPI examination as soon as possible; those who are unable to write before classes begin must do so early in the first term. Students who are unable to achieve the necessary LPI score are encouraged to take a non-credit writing course through the University Writing Centre and will not be allowed to register for a full course load in some programs. Further details about the LPI examination are given below.

(Note: These details will be dates, places, cost and other administrative details relating to the LPI.)

The following Calendar entries will be deleted from this section: **"K. English Composition Requirement" and "L. English Placement".**

CALENDAR STATEMENT ON EXCHANGE PROGRAMS

The following proposed Calendar statement had been circulated for information:

To reflect changes in the administration of EAP programs and to recognize that the University may enter into exchange agreements with Canadian universities, the following revised Calendar sections are proposed to replace the existing sections:

EXCHANGE PROGRAMS AND EDUCATION ABROAD PROGRAMS (EAP) (on page 28 of the 1991/92 Calendar)

EXCHANGE PROGRAMS

Opportunities are available for the exchange of graduate and undergraduate students with other universities, including Education Abroad Programs and Canada Exchange Programs.

EDUCATION ABROAD PROGRAMS (EAP)

Education Abroad Programs are institution to institution reciprocal exchange programs approved by Senate. UBC students selected to participate remain registered at UBC, pay tuition and student fees to UBC and remain eligible for UBC awards, scholarships and financial aid. Students pursue academic programs which are developed in consultation with their Faculties.

To be eligible to participate in these programs, applicants must normally be registered at UBC and have at least a 70% average for all courses completed for credit toward their current degree program. Undergraduate students are normally eligible to study abroad in third year only. Graduate students are limited to 12 transfer credits from another institution.

UBC has exchange agreements with the following institutions:

Australia:	The University of Melbourne
Denmark:	University of Copenhagen
France:	Université Jean-Moulin - Lyon 3
Germany:	Universitt Augsberg Universitt-GH Siegen
Hong Kong:	The Chinese University of Hong Kong University of Hong Kong
Japan:	Ritsumeikan University (Kyoto) Sophia University (Tokyo)
Korea:	Ewha University (Seoul) Yonsei University (Seoul)
Singapore:	National University of Singapore
United Kingdom:	University of Keele

USA: University of California (at any one of the nine campuses)
Hastings College of the Law (San Francisco) - Law students only

Application forms and information on any changes to this list may be obtained from the Student Exchange Program Coordinator, The Office of the Registrar. The deadline date for EAP applications is the second Monday of January.

UBC Students must register in the appropriate non-credit activity at The University of British Columbia in each term of study abroad on an EAP.

CANADA EXCHANGE PROGRAMS (CEP)

UBC is developing institution to institution exchange agreements with specific universities within Canada. The criteria, selection and application procedures are similar to those for Education Abroad Programs. UBC students selected to participate remain registered at UBC, pay tuition and student fees to UBC and remain eligible for UBC awards, scholarships and financial aid. Students pursue academic programs which are developed in consultation with their Faculties. Information is available from the UBC Student Exchange Program Coordinator.

UBC students must register in the appropriate non-credit activity at The University of British Columbia in each term of study elsewhere on a CEP.

PROGRAMS NOT SPONSORED BY THE UNIVERSITY OF BRITISH COLUMBIA

Many students choose to attend study programs sponsored by institutions and organizations other than UBC. These students must make all necessary arrangements on their own. Calendars of some international universities can be found on microfiche in the Humanities and Social Sciences Reference Division in the Main Library, or in the Student Counselling and Resource Centre, Brock Hall. Information can also be obtained from the Work and Study Abroad Information Library (WASAIL) at International House. Before enrolling in any program students should consult faculty advisors concerning the transferability of course work, degree requirements and procedures for readmission. Students planning on obtaining transfer credit must obtain a Letter of Permission from the Faculty in which they are enrolled before leaving UBC (see Transfer policy: Letter of Permission)."

Other Business

HONORARY DEGREE RECIPIENTS

President Strangway reported to Senate the names of those who had accepted invitations to receive honorary degrees at the 1992 Congregation ceremonies.

FRENCH 115

Mr. Lau drew Senate's attention to a recent article in the Ubyssey regarding French 115. He stated that the Department of French had decided not to offer the course in 1992/93 and to make a recommendation to Senate to delete the course the following year. Mr. Lau stated that he had been contacted by students and others in the Department of French who informed him that this decision was made at a meeting without student representatives. Consequently a petition has been submitted to the Department Head. On behalf of the students, Mr. Lau asked that the Department of French and the Faculty of Arts reconsider this decision.

Adjournment

The meeting adjourned at 9.20 p.m.

Next Meeting

The next regular meeting of Senate will be held on Wednesday, March 18, 1992.

APPENDIX

NEW AWARDS RECOMMENDED TO SENATE

APPRAISAL Institute of Canada Bursary -A bursary of $1,000 is offered by the Appraisal Institute of Canada to an undergraduate student specializing in the Urban Land Economics Division of the Faculty of Commerce and Business Administration. (Available 1992/93 Winter Session.)

Gina BLONDIN Memorial Ts'kel Award-An award of $300 has been endowed in memory of Gina Blondin, M.Ed. (Ts'kel Program) 1988 by the Government of the Northwest Territories, family, friends and colleagues. The award is offered to a Ts'kel graduate who has made the greatest contribution toward the well-being of fellow First Nations students at UBC and who exemplifies Gina Blondin's scholarship and qualities of leadership. The award will be made on the nomination of a committee chaired by the Ts'kel Program Director. (Available 1992/93 Winter Session.)

Christina BRUCE Bursary in Teacher Education-Bursaries totalling $600 have been endowed through a bequest by Christina Bruce. The bursaries are offered to Teacher Education students within the Faculty of Education. (Available 1992/93 Winter Session.)

Margaret CAMERON Scholarship in Teacher Education-A scholarship of $1,000 has been endowed through a bequest by Margaret Cameron. The scholarship is offered to a Teacher Education student and is made on the recommendation of the Faculty of Education. (Available 1992/93 Winter Session.)

Pearl Schneider CHAN Memorial Scholarship in Music-A scholarship of $1,800 has been established through the President's Fund to honour the memory of Pearl Schneider Chan. The scholarship is offered to an outstanding music student on the recommendation of the School of Music. (Available 1992/93 Winter Session.)

DURANTE Kreuk Prize in Landscape Architecture-A prize of $1,000 is offered by Durante Kreuk Ltd. The prize is made to a student in the M.L.A. program or a graduating student in the B.L.A. program. It is awarded to the student achieving the highest degree of design excellence in the graduation project. The prize is made on recommendation of the Faculty of Agricultural Sciences and in the case of a graduate student, in consultation with the Faculty of Graduate Studies. (Available 1991/92 Winter Session.)

C. William FRASER Scholarship-A scholarship of $600 has been endowed by the College of Physicians & Surgeons, family, friends and colleagues in honour of C. William Fraser. The scholarship is awarded to a student in the School of Library, Archival and Information Studies and is made on the recommendation of the School in consultation with the Faculty of Graduate Studies. (Available 1992/93 Winter Session.)

George GORELIK Prize-A prize of $300 has been established to recognize Dr. Gorelik's contributions over 30 years to students and colleagues in the Faculty of Commerce and Business Administration. The prize will be awarded to the student obtaining the highest standing in Commerce 450 (Financial Accounting) and is made on recommendation from the Faculty of Commerce and Business Administration. (Available 1992/93 Winter Session.)

Bert HOFFMEISTER Scholarship in Forest Wildlife-A $2,500 scholarship has been endowed by the Nature Trust of British Columbia, Wildlife Habitat Canada, Ministry of Environment of the BC Government and the Province of BC Government to honour the significant contributions of Bert Hoffmeister, the first Chairman of the Nature Trust of British Columbia. The scholarship is made available to graduate students studying forest-dwelling vertebrate wildlife, and is made on the recommendation of the Faculty of Forestry in consultation with the Faculty of Graduate Studies. (Available 1992/93 Winter Session.)

INDUSTRIAL Relations Scholarship-A scholarship of $950 is awarded to a M.B.A. or M.Sc. student studying in the field of Industrial Relations. The award is made on recommendation from the Faculty of Commerce and Business Administration in consultation with the Faculty of Graduate Studies. (Available 1992/93 Winter Session.)

G. Herald KEEFER Prize in Organ Music-A prize of $250 has been established by Dr. G. Herald Keefer. The prize is offered to a student, in the School of Music, who has demonstrated excellence in the study of the organ, and is made on the recommendation of the School. (Available 1991/92 Winter Session.)

Harcharan Kaur MANN Memorial Scholarship in Punjabi Studies-A $300 scholarship has been endowed by Bikar Singh Mann to honour the memory of his late wife Harcharan (Swarno) Kaur Mann. The award is made on recommendation of the Department of Asian Studies to a student in the study of Sikh scripture and Punjabi. (Available 1992/93 Winter Session.)

Harcharan Kaur MANN Memorial Scholarship in Medicine-A $300 scholarship has been endowed in memory of the late Harcharan (Swarno) Kaur Mann by her children Harinder, Jasminder, and Manjeet, all graduates of UBC. Harcharan Kaur was born in Chak Raju Singh Hoshiar Pur Punjab, India. The scholarship is awarded to a fourth year student in Medicine, and is made on the recommendation of the Faculty of Medicine. (Available 1992/93 Winter Session.)

Clarence Ludwig MUSCLOW Bursary-A $3,000 bursary has been endowed by the estate of Clarence Ludwig Musclow. The bursary is offered to a British Columbian First Nations student studying First Nations culture, history, language or any other topic which will help preserve the history and culture of First Nations people. (Available 1992/93 Winter Session.)

NATIONAL Association of Industrial and Office Parks Scholarship-A scholarship of $1,000 is offered by the National Association of Industrial and Office Parks for an undergraduate or graduate student in the Urban Land Economics Division of the Faculty of Commerce and Business Administration. The award is made on the recommendation of the Faculty of Commerce and Business Administration and in the case of a graduate student, in consultation with the Faculty of Graduate Studies. (Available 1991/92 Winter Session.)

A. George OIKAWA Scholarship-A scholarship of $1,000 is offered by the Real Estate Institute of British Columbia in honour of A. George Oikawa whose dedicated work as a Governor of the Institute, guest lecturer, and respected real estate practitioner epitomizes the highest standards of the Real Estate Institute. The scholarship is awarded to a graduate student in the Urban Land Economics program and is made on recommendation of the Faculty of Commerce and Business Administration, in consultation with the Faculty of Graduate Studies. (Available 1992/93 Winter Session.)

PEO Sisterhood Chapter BD - A. Lois McDiarmid Memorial Bursary-Two bursaries of $250 each are offered by the PEO Sisterhood Chapter BD Tsawwassen, a women's group whose main goal is the advancement of women's education. The bursaries are made available to students in the Division of Physiotherapy within the School of Rehabilitation Medicine. The awards are available for a two year period commencing in 1991/92.

ROYAL Canadian Legion-Shalom Branch 178-Jack Bass Bursary-A bursary of $100 is offered by the Royal Canadian Legion, Shalom Branch 178 in honour of Jack Bass. The bursary is made to an undergraduate student. (Available 1991/92 Winter Session.)

Eva L. SHEA Scholarship in Piano Music-A $600 scholarship has been endowed by the estate of Eva L. Shea. The scholarship is made to a full time second year music student and is awarded on the recommendation of the School of Music. (Available 1992/93 Winter Session.)

William A. WEBBER Prize in Anatomy-Two prizes of $250 each are offered in honour of Dr. William Webber by Alladin Tejani and family. One prize is made to the outstanding student in Gross Anatomy 400 and the other is made to the outstanding student in Microanatomy 401. The awards are made on the recommendation of the Department of Anatomy. (Available 1991/92 Winter Session.)

Gordon Sinclair WILSON Memorial Scholarship-A $300 scholarship has been endowed through the bequest of Anna Letitia Wilson, a UBC graduate. The award is offered to a Teacher Education student in the Faculty of Education, and is made on the recommendation of the Faculty. (Available 1992/93 Winter Session.)

NOVOPHARM/Stanley Pharmacy Doctoral Fellowship-A fellowship of $25,000, disbursed over a 20 month period, is offered by Novopharm Ltd. to a student entering the Doctor of Pharmacy (Pharm.D.) program. The candidate chosen will combine superior academic achievement with the potential for contribution to the practice of clinical pharmacy. The award is made on the recommendation of the Faculty of Pharmaceutical Sciences in consultation with the Faculty of Graduate Studies. (Available 1991/92 Winter Session.)