



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

MINUTES OF MAY 15, 1996

Attendance

Present: President D. W. Strangway (Chair), Chancellor R. H. Lee, Vice-President D. R. Birch, Mr. S. Arnold, Dr. A. P. Autor, Mr. J. A. Banfield, Dr. J. Barman, Dr. J. D. Berger, Mr. J. Boritz, Mr. P. T. Brady, Dr. D. G. A. Carter, Ms. L. Chui, Dr. T. S. Cook, Dr. M. G. R. Coope, Dr. J. H. V. Gilbert, Ms. J. K. Gill, Dean M. A. Goldberg, Mr. C. Gorman, Dean J. R. Grace, Dr. S. E. Grace, Mr. H. D. Gray, Dr. M. Isaacson, Dr. J. G. T. Kelsey, Mr. M. Kirchner, Professor V. J. Kirkness, Dr. S. B. Knight, Mr. A. Legge, Dr. M. Levine, Dr. S. C. Lindstrom, Mr. R. W. Lowe, Dr. D. M. Lyster, Dr. D. J. MacDougall, Dean M. P. Marchak, Dean B. C. McBride, Mr. B. G. McDonald, Dean J. H. McNeill, Dean A. Meisen, Dr. M. D. Morrison, Mr. V. Pacradouni, Dr. R. J. Patrick, Mr. R. L. de Pfyffer, Mrs. M. Price, Professor M. Quayle, Dean J. F. Richards, Dr. H. B. Richer, Dean N. Sheehan, Mr. D. Shu, Dr. C. E. Slonecker, Ms. L. M. Sparrow, Dr. L. J. Stan, Dr. J. R. Thompson, Dr. S. Thorne, Dr. J. Vanderstoep, Mr. D. R. Verma, Dr. E. W. Whittaker, Dr. R. M. Will, Dr. D. Ll. Williams, Dean E. H. K. Yen.

Regrets: Dr. D. R. Atkins, Dr. S. Avramidis, Dean C. S. Binkley, Dr. A. E. Boardman, Mr. A. Briggs, Dr. D. M. Brunette, Dr. D. H. Cohen, Dr. J. Gosline, Rev. J. Hanrahan, Dean M. J. Hollenberg, Professor P. T. K. Lin, Mr. S. Lohachitranont, Dr. M. MacEntee, Mr. W. B. McNulty, Mr. J. Murray, Ms. C. Ng, Mr. J. Nobbs-Thiessen, Dr. W. J. Phillips, Dr. D. J. Randall, Professor R. S. Reid, Professor J. A. Rice, Dr. R. A. Shearer, Dr. A. J. Sinclair, Dean C. L. Smith, Ms. C. A. Soong, Dr. W. Uegama, Dr. W. C. Wright Jr.

Minutes of the previous meeting

Mr. Banfield
Dr. Slonecker

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That the minutes of the eighth regular meeting of Senate for the Session 1995-96, having been circulated, be taken as read and adopted.

Dean Marchak drew attention to page 11422, stating that Dr. Barbara Heldt should be listed as Professor Emerita of Russian.

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

Business arising from the minutes

SENATE NOMINATING COMMITTEE MEMBERSHIP (P.11410)

In accordance with established procedures, two student vacancies on the Senate Nominating Committee had been declared at the previous meeting. In response to a call for nominations to fill these vacancies, Ms. Carol Ng and Mr. Matthew Kirchner had been nominated.

<i>Ms. Chui</i>	}	<i>That nominations close.</i>
<i>Dr. Slonecker</i>		

Carried.

There being no further nominations, Ms. Carol Ng and Mr. Matthew Kirchner were declared elected.

ELECTION OF ONE FACULTY MEMBER AT-LARGE TO SENATE (P.11421)

At the previous meeting, Dr. Kelsey drew Senate's attention to a problem with the recent election for a faculty member at-large to serve on Senate, namely that a very small number of votes were cast, and he had asked for some information about the election.

The Registrar explained that there are ten "at-large" positions for faculty members on Senate. Nominations for those ten positions were called for on January 10, 1996 with a deadline of January 31. The last day of voting was to be March 6. However, there were only nine nominations so no voting instructions were mailed out and no election was conducted. This left one position still to be filled, and in accordance with established procedures, a special election was called to fill the vacancy. A call for

nominations was sent out on March 14 with a deadline for their return by March 29. Seven nominations were received. Voting instructions were mailed on Tuesday April 2 and the last day for voting was April 12. The first votes were cast on Thursday, April 4 and voting continued each day until April 12. The Registrar agreed that the time for voting was certainly short and stated that he would not be comfortable with any shorter period. However, he thought that it was significant that in the original time frame, when there were 21 days for nominations to be made, only nine were received. He did not think that it was fair to conclude that timing had a great deal to do with the level of interest in the nomination and election of people to fill that position.

Dr. Kelsey had also raised the issue of the necessity for faculty members using the telephone voting system to use their employee ID as their identification. He had asked if the social insurance number could be used as an alternative. The Registrar said that he had been advised by Mr. Fogarassy, a member of the legal staff in the President's Office, that it is not acceptable to use the social insurance number for this purpose. However, at a recent meeting, the issue of using the social insurance number as an identifier for students had been raised, at which time it had been asserted that the Privacy Commissioner had recently reversed his decision and therefore the use of the number is acceptable. The Registrar stated that there may have been a change, but the advice he had received was that it was not acceptable.

The Registrar stated that this was not the first use of the telephone voting system, and he felt it was therefore fair to say that faculty would have known that they needed their employee number to cast a ballot. In any event, the voting instructions did give a telephone number which voters could call to get their employee ID number.

The Registrar informed Senate that there are two planned developments that will address the question of voter ID. He hoped that within two or three years all faculty will be able to use a single ID and password to access the parts of the UBC administrative systems that they are authorized to use (eg. grant holders will be able to go on-line to check their accounts). He stated that a World Wide Web version of the election system is also being developed which will allow any faculty member who is on the voters list to vote in an election using a World Wide Web browser to access the election system. He said that this will solve the ID issue and allow voters to see a list of candidates as on the paper ballot and also to access information about candidates.

Dr. Kelsey thanked the Registrar for the thoroughness of his response but observed that the ten day period available for voting fell over the Easter holiday period. The Registrar responded that votes were cast on both Good Friday and Easter Monday.

In response to a query by Dr. Isaacson, the Registrar stated that the number of votes cast using the telephone voting system was small compared to the number of votes cast in previous elections, but he could not confirm how small.

Chair's remarks and related questions

ASSISTANT SECRETARY OF SENATE

President Strangway informed Senate that Fran Medley was to receive one of the President's Service Awards for Excellence. The award is presented to five people each year at the Spring Congregation ceremonies. Mrs. Medley received a round of applause from members of Senate.

MEMBERS OF SENATE

President Strangway paid tribute to those members attending their last Senate meeting, drawing particular attention to Dr. Robert M. Will, Dean John H. McNeill and Dr. Thelma S. Cook, who have served on Senate for 21, 17, and 14 years, respectively.

The President then created a new tradition by presenting certificates of appreciation to all those leaving Senate.

Candidates for Degrees

Mr. Brady

Dean McBride

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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, and that the Registrar, in consultation with the Deans and the Chair of Senate, make any necessary adjustments.

Carried.

Scholarships and Awards

A list of scholarships, medals and prizes awarded to students in the graduating classes was circulated for information. Dr. Cook informed Senate that the recipients of the Governor-General's Gold Medals for the Master's and Doctoral Programs, both entered UBC from foreign universities. In addition, of the other 25 winners of awards, 14 entered UBC directly from high schools, all but two of whom came from B.C. high schools. Of the remaining 11, four came from other B.C. universities, four came from other Canadian universities and three entered UBC from foreign universities. Dr. Cook noted that among the heads of graduating classes there were many major scholarship winners, three of whom were entrance scholarship winners: the head of the graduating class in Applied Science, the

head of the graduating class Rehabilitation Sciences (Occupational Therapy), and the Governor-General's Silver Medalist in the Faculty of Science. Also, two heads of class received the prestigious Wesbrook Scholar's designation: the head of the graduating class in Rehabilitation Sciences (Physiotherapy), and the head of the graduating class in the Faculty of Law.

Reports of Committees of Senate

ACADEMIC BUILDING NEEDS COMMITTEE

Professor Quayle, chair of the committee, presented the following report, which had been circulated:

This report summarizes the results of the 1995 recommendations to Senate and outlines a new recommendation for 1996.

RECOMMENDATION A: (1995)

That the President commit the University to an open planning process which will build trust within the university community and with our neighbours. This process should embody the principles of academic priority and ecological and environmentally responsible infrastructure. Most importantly, the process must include the articulation of a clear vision for the campus community as a whole.

It is the opinion of the Senate Academic Building Needs committee members that while attempts have been made to involve the university community in the planning process, on the whole this has not been effective. In our view, the planning vision is still not driven by a clear academic vision for our campus. A specific example is the status of the academic units on the south campus in terms of an academic vision for their future. The units involved are within the Faculties of Agricultural Sciences, Forestry and Science and include the Departments of Animal Science, Botany, Forest Sciences, Plant Science, and Zoology, the UBC Botanical Gardens and the UBC Animal Care Centre. These units feel that land-based academic programs currently form an integral part of UBC's activities and this is likely to increase, rather than decrease. A number of the existing land-based life science programs have an operational time horizon of ten to twenty years. These issues need to be addressed in the context of the Official Community Plan.

RECOMMENDATION B: (1995)

That the President articulate the process by which both general building and academic building priorities should be reviewed, considering academic, community and infrastructure objectives, and funding opportunities. The SABN should play an active role in that process, specific to their mandate from Senate.

We feel that we still do not have an adequate working process for the review of academic building priorities. For example, our input is "too little, too late" and that often the academic aspects of a particular project are less significant than other influences. However, we remain hopeful that campus Academic Master Plan for building needs will be forthcoming in the near future. A sub-committee of the President's Property and Planning Advisory Committee (PPPAC) (the new name for the President's Advisory Committee on Space Allocation (PACSA)) will be struck to assist in the consolidation of the Faculty Master Plans. A consultant will be hired to complete this work; the sub-committee will oversee the project.

RECOMMENDATION C: (1995)

That the President develop a strategy for:

- a) the funding of essential Campus infrastructure such as power plants and other "hidden systems" with a view towards an environmentally responsible approach to providing energy to the Campus;
- b) the funding of continued operations and maintenance of the campus building and landscape inventory; and
- c) the funding of the campus "public realm" -- the framework for the experience of the campus for pedestrians and cyclists.

The UBC Infrastructure Plan responds to parts (a) and (b) of this recommendation. Strategies for attention to the public realm remain unclear. SABN is requesting assistance from Campus Planning and Development in the preparation of a "check-list" for use in reviewing developments.

In terms of new recommendations, the Senate Academic Building Needs Committee proposes the following:

THE QUALITY OF THE PHYSICAL CAMPUS

It is appropriate to recognize the progress that has been made on the campus in the last decade in regard to planning. The very fact that a Campus Master Plan is in place and that an Official Community Plan is in process is a tribute to the hard work of the administration and the campus community in general.

However, the SABN continues to be concerned about the quality of the campus, both its buildings and public spaces. We think that it is time to review how the Campus Master Plan is being implemented. We also feel the need for more checks and balances in the design-planning process. The President's Property and Planning Advisory Committee is not a design review group. It is perhaps timely to institute a professional design review process for the Campus.

RECOMMENDATION:

That the President request:

- a) a review of the implementation of the Campus Master Plan to date; and,
- b) a strategy to provide more checks and balances within the building approval process in the area of design and planning, such as a UBC Design Panel.

The Committee again wishes to express its appreciation for the continued support of Campus Planning and Development.

Professor Quayle summarized the contents of the report, explaining that the new recommendation for Senate's consideration was about the quality of the physical campus. The committee also wished to recognize the progress made on campus in the past decade in terms of planning. Professor Quayle stated that the fact that there is a campus master plan in place and that an official community plan is in process is a tribute to all the work that has been done at both the administrative level and the community level in general. She noted, however, that the committee is concerned about the general quality of both buildings and public spaces and suggested that it is time for the campus master plan to be reviewed in terms of its implementation. As stated in the report, the committee also suggested that there is perhaps a need for some more checks and balances vis-a-vis the design planning process and that there should be a design review group on the campus.

Professor Quayle concluded her remarks by expressing the committee's thanks and appreciation to Campus Planning and Development, and to Tim Miner in particular for his guidance and help over the past year.

*Professor Quayle
Dr. Grace*

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That the President request:

- a) a review of the implementation of the Campus Master Plan to date; and,*
- b) a strategy to provide more checks and balances within the building approval process in the area of design and planning, such as a UBC Design Panel.*

Carried.

ADMISSIONS COMMITTEE

Report on Admission Policy for International Students

Dr. Will, chair of the committee, presented the following report, which had been circulated:

International Students

Present policy

Present Senate policy relating to international students dates from 1989 when Senate, acting on a recommendation from the President's Task Force on Liaison, Recruiting and Admissions, approved a policy "welcoming" applications from "outstanding" international students, with the stated purpose of increasing the international component of the undergraduate student body. In order to ensure that only superior students would be admitted the approved policy stipulated that successful international applicants would be required to have a minimum academic standing equivalent to a GPA of 3.5 (78%). This GPA can be put into context by noting that the GPA required for admission to UBC directly from Grade 12 in 1989 was in the range of 2.5 (67%) to 2.7 (69%), depending on program.

A higher GPA requirement for international students imposed by this new policy resulted in a decline in the number of international students admitted, causing Senate in 1991 to revise its policy on international students by replacing the requirement of a GPA of 3.5 with a Calendar statement that only international students with "superior academic standing" would be admitted. The revised policy included the provision that no international student would be admitted with a GPA of less than 3.1(74%). This minimum GPA was still substantially above the GPA required of domestic applicants (Canadian citizens and permanent residents) for direct admission to UBC in 1991. This GPA differential, however, has been substantially eroded since 1991 - for example, Applied Science and Science now have admission GPAs that are equal to or exceed the minimum established in 1991 for international applicants.

Market-based tuition for international students

The proposal to admit international students paying market-based tuition fees requires that Senate revisit its policy relating to the admission of international students. There are three issues or concerns that need to be addressed:

1. the maximum number of international students to be admitted to (registered in) any given program under a market-based tuition fee policy;
2. a means of defining and implementing a policy on market-based tuition fees in such a way that no domestic students are displaced;
3. the maintenance of academic standards and the quality of programs for both domestic and international students.

Ideally, a proposal to alleviate the consequences of reduced funding by the admission of international students on a market-fee basis should offer the prospect of improving the quality of education of domestic students, and increasing the number of places available to them. As an absolute minimum, such a proposal should incorporate safeguards that preserve both the level of access that Canadian citizens and permanent residents now have to UBC's undergraduate programs, and the standard or quality of these programs.

As always, we are constrained by the difficulty of having to articulate policy that is equally appropriate to, or reflects the particular circumstances of, all programs to which it is intended to apply. We recognize that, at least initially, the opportunities provided by market-based tuition fees appear to be greater, or more certain, in some programs than others.

Maximum number of international students.

Senate policy on international students, while intended to increase their relative number in the undergraduate student population, is silent on a target or limit on the number of international students. Second to None, the University's strategic plan, mentions a global figure of 4% to 6% international students as an objective for all undergraduate programs, but this figure was not included in the Mission Statement, condensed from Second to None, that was approved by Senate in 1989. In view of the initiative on market-based fees, it is now necessary that Senate approve a maximum or upper limit on the number of international students to be admitted.

The proposal for market-based tuition fees provides for a maximum number of international students (exclusive of exchange students) for any program equal to 15% of the program's present quota. It is proposed that present quotas be increased by 10% to accommodate the additional international students expected to be attracted by a market-based fee policy. This way of expanding the allowable international component of the undergraduate student body, the proposal suggests, would result, at maximum, in approximately 13.5% of admissions being in the international category (15 as a percentage of 110). This 13.5% figure is based on the doubtful premise that present quotas allow under existing Senate policy for a maximum 5% (4% to 6%) international students. For programs that have subscribed (filled) quotas and fewer than 5% international students (Arts and Science are examples), this 13.5% maximum for international students, if achieved, would displace domestic students.

Ideally, a maximum or limit on international students should also be applied to total enrolment in all years of a program, and not just to the annual intake or admission of new students. But our practice of controlling and managing enrolments through admission quotas requires that we focus on the mix of incoming students, as between domestic and international students, as a means of keeping the latter within some prescribed limit, and thus preventing the displacement of domestic students.

We therefore propose that the number of international students admitted to (registered in) a program in any academic year not be allowed to exceed 15% of the number of domestic students registered in the previous year. This formulation has the advantage of preserving existing numbers of domestic students, unless, of course, further reductions in faculty budgets and capacity were to necessitate lower quotas.

The difference between a maximum of 15% based on the previous year's admission (registration) of domestic students and a maximum expressed as 13.5 % of a program's adjusted quota, as proposed by the President's office, is

insubstantial for most programs, and would be felt only in the event that demand for market-tuition admissions proved buoyant and pressed against the allowable limit. For programs that presently have few or any international students (e.g. Medicine), there would be no difference. For the BA program, which had 44 international students registered in first year in 1995-96, out of a total of 1472 new registrations (new to UBC), the maximum based on the previous year's registration of domestic students would be 214 (15% of 1472 minus 44), whereas the 13.5% maximum on the adjusted quota would be 225. In Science, where international students composed only 2.2% of new registrations in first year in 1995-96 (compared to 3% in the BA program), the maximum for international students would be reduced by 10, from 181 to 171, if based on the previous year's registration of domestic students.

Implementation

The importance of defining a maximum for international students that is related to the actual number of domestic students presently registered is seen when the possible consequences of eliminating the GPA (admission average) differential applied to international applicants is considered. This differential has without question represented a restraint on the number of successful applicants to first degree programs, although less so today than when it was initiated in 1989, at which time it appears to have contributed to an actual decline in international admissions. The differential has disappeared for admission to first-year Science and Applied Science because of the escalation of the GPA required for the admission of domestic students, but it is still a factor in Arts and other programs where its elimination would increase the competition faced by domestic applicants, with the result that fewer would be successful. The GPA (admission average) differential applied to applicants to the second and third years continues to constitute a barrier for international students wishing to enter most programs, including Science and Applied Science. It is difficult to say with any degree of certainty what the magnitude of the displacement of domestic students might be if the differential were removed, especially in view of the substantial increase in tuition fees for international students that is proposed. But there is a risk that cannot be taken, if we are to take seriously a commitment not to increase the number of higher-paying international students by reducing the opportunity of British Columbians and Canadians from other provinces to attend UBC. If the program of market-based tuition fees proves successful, then there is reason for concern.

The Senate Admissions Committee supports the continued use of admission quotas that reflect program capacity as defined by level of funding, space and physical facilities. We have noted that for the purpose of establishing a maximum for international students greater attention will have to be given than in the past to the numbers of domestic and international students admitted and

registered under quota. International students so admitted will, under the President's proposal, be charged market tuition fees. However, the proposal, to be successful, and prove a source of additional funding for the University, must recruit international students in addition to those presently accommodated within funded quotas. These additional, market-fee students make up a program's supernumerary quota - student places that are beyond or outside the University's funded capacity. The number of these supernumerary places in any year, we suggest, should be the subject of agreement between the relevant dean and the Vice President Academic, to ensure that students admitted to fill them can be accommodated, with the extra funding available, without reducing the quality of instruction for other students.

It is proposed, furthermore, that a program's quota be presented to Senate for approval in the form "1000 + 50 suppl.", if, as in this example, the funded quota is 1000, and 50 international students in addition to the those included in the funded quota are to be admitted and registered. Illustrating further: if the 1000 places in the funded quota consist of 930 domestic places and 70 international places, based on the previous year's numbers, the total quota for international applicants, all of whom would pay market-based tuition fees, would be 120. The maximum allowable number of international students that could be admitted (registered) in any year in this example would be 140 (15% of 930). The objective would be to admit (register) 930 domestic and 120 international students.

The President's proposal for market-based tuition fees states "all international students admitted will have achieved a higher level on admission requirements than any Canadian student not admitted". Translated, this means that the minimum GPA (admission average) for international students can be equal to but not below the GPA cutoff for domestic students. But it can be higher, and will be higher in the event that there are more qualified international applicants than places available at the minimum GPA or GPA cutoff for domestic students. In such a situation, there would be two admission GPAS, one for domestic students and another, higher GPA for international students.

A more likely scenario, we believe, especially in the initial years of charging market-based tuition fees, would be that the number of international applicants with the requisite GPA for admission would fall short of quota. In the event that the number of international admissions is less than the international component of the funded quota (70 in the above example), the Committee recommends that unfilled places be made available to domestic students for that year only. This is a necessary provision, if for no other reason than that it protects the FTE base used to determine the University's operating budget. If a shortfall of international students were to persist, suggesting that demand for places at market tuition fees is not there, then the funded quota should be amended in favour of the number of domestic applicants it can accommodate.

Changes in a program's funded quota would, according to the implementation model presented here, be reflected in a proportional adjustment in the number of domestic and international admissions (registrations). If in the above example the funded quota were to be increased from 1000 to 1100, the number of places for domestic students would increase from 930 to 1023, and for international students from 70 to 77. Such an upward adjustment in the number of international students admitted as part of funded quota would reflect UBC's long-standing commitment to increase the international component of its student body.

In conclusion, the Committee makes the following observation about the probable success of market-based tuition fees as a means of generating additional revenue for the University. There is little evidence that existing demand in the international community for UBC's undergraduate programs is sufficient to guarantee the success of a market-based tuition strategy. In the absence of vigorous promotion, and possibly contract arrangements where appropriate, there is little reason to expect an increase in the number of international students, even with a lower GPA required for admission to most programs. Numbers may in fact decline, initially. There is also little known about the nature of the demand for UBC programs. If demand proves to be relatively responsive to an increase in tuition fees (price), then we could end up with fewer international students and less revenue. This responsiveness or sensitivity to higher tuition fees will very much depend on the alternatives prospective applicants have for obtaining as good an education elsewhere at a lower cost, or what may be perceived as being a better or preferred educational experience at the same cost. At the level of tuition fees contemplated, the competition for international students, especially from other North American (U.S.) universities, is likely to be considerable. Again, only a concerted effort, expensive both financially and in terms of administrators' time, to promote UBC and seek out prospective students is likely to give UBC the edge and opening needed to assure success.

Recommendations

1. That international students be admitted to undergraduate programs at a GPA or admission average that is no lower than the minimum GPA or admission average applicable to Canadians and permanent residents of Canada entering the same program, i.e., that the present differential GPA applied to domestic and international applicants be discontinued.
2. That the maximum number of international students admitted to and registered in an undergraduate program in any year be established at 15% of the number of Canadians and permanent residents registered in that program in the previous year.

3. That faculties and schools, in presenting admission quotas to Senate for approval, also be required to present for approval the number, if any, of supernumerary international students they expect to admit.

These recommendations do not require a change in the Calendar entry relating to the admission of international students.

Dr. Will reminded Senate that the question of the admission policy for international students was referred to the Senate Admissions Committee at the February 14, 1996 Senate meeting. He stated that while the matter of fees for international students on a market-oriented basis is the responsibility of the Board of Governors, the admission and mix or composition of students is the responsibility of Senate. The proposal submitted to the Board of Governors, if it were to be implemented as stated, would require an adjustment to existing Senate policy relating to international students. Dr. Will stated that the Senate Admissions Committee, in its recommendations, had provided a mechanism for implementing the President's commitment that if the University goes for market-oriented fees for international students, resulting admissions will not be at the expense of B.C. residents. The committee interpreted this commitment to be residents of Canada, not just residents of B.C. He stated that the committee's recommendations guarantee that the admission of international students will not be at the expense of Canadian citizens and permanent residents of Canada, should the new admission policy applicable to international students result in a great demand on the part of international students to come to UBC. He also noted that the committee recommends the removal of the differential, established by Senate in 1987, requiring international students to have a higher grade point average for admission.

Dr. Will
Dr. Berger

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That international students be admitted to undergraduate programs at a GPA or admission average that is no lower than the minimum GPA or admission average applicable to Canadians and permanent residents of Canada entering the same program, i.e., that the present differential GPA applied to domestic and international applicants be discontinued.

That the maximum number of international students admitted to and registered in an undergraduate program in any year be established at 15% of the number of Canadians and permanent residents registered in that program in the previous year.

That faculties and schools, in presenting admission quotas to Senate for approval, also be required to present for approval the number, if any, of supernumerary international students they expect to admit.

In response to a query, Dr. Will stated that the recommendations would not affect international students already enrolled at UBC.

After further discussion, the motion was put and carried.

Proposed Calendar statement on deadline for admissions appeals

A proposal to establish a deadline date for appeals against admissions decision had been circulated. Dr. Will explained that the purpose of establishing a deadline is to ensure that if the outcome of an appeal is acceptance, the student will be registering in courses by the first week of classes rather than at a later date, which in some cases may preclude successful completion of course requirements. The proposal would also ensure consideration of an appeal on the basis of requirements

and assessments effective in the session to which application was made, thus avoiding the possibility that a successful appellant might be admitted the following year, with a cohort of incoming students subject to different (and possibly more stringent) admission criteria.

<i>Dr. Will</i>	}	<i>That appeals against decisions will be considered on applications for the current year only and appeals should be submitted to the Senate Admissions Committee, c/o the Registrar's Office, by the 15th of the month prior to start of classes.</i>
<i>Dean Goldberg</i>		

Dean Grace pointed out that doctoral students are admitted at any time of the year and that this should be taken into consideration in such cases. Dr. Will responded that on occasions where the program allowed it, students had been admitted in January.

The motion was
put and carried.

Mandated enrolment increase for 1996/97

The following report from Vice President Birch on the mandated enrolment increase for 1996/97 was circulated at the meeting:

I reported to Senate at its April meeting that The University of British Columbia is expected by government to achieve a four percent increase in undergraduate enrolment without any increase in its operating grant. This translates into a growth target of 921 undergraduate FTEs.

By a two-thirds majority, Senate delegated to the Senate Admissions Committee the power to approve and recommend to the Board of Governors revised admission quotas for the undergraduate programs of the various faculties and schools for 1996/97 and required the Senate Admissions Committee to report back to the May meeting of Senate on the decisions taken and the academic consequences of those decisions. Since that time Deans have worked with the

Academic Vice President and Provost to establish plans for meeting the mandated enrolment increase. In addition, Deans have reported to the Senate Admissions Committee on their plans and the academic consequences they foresee.

Acting on the authority delegated to it, the Senate Admissions Committee has approved mandated admission quotas to supplement the quotas already approved by Senate. These are presented in the attached table 1. To provide the context, I have also attached table 2 showing full time equivalent students (90/91 to 95/96) and "Productivity increases" (96/97). Also attached is table 3 showing current projections of undergraduate enrolment change for 1996/97 and the April 4, 1996 memorandum to Deans re enrolment planning for 1996/97. (See Appendix A for tables and memorandum.)

Beyond the establishment of mandated quotas, enrolment planning for 1996/97 is precipitating some curriculum decisions. One example is the regularizing by some faculties of provisions under which cooperative education students will earn credit for the academic requirements associated with their work terms. There may be additional curriculum matters. In order to deal with these in a timely way, I recommend that Senate approve the following motion:

That Senate delegate to the Senate Curriculum Committee the power to approve and recommend to the Board of Governors curriculum changes proposed by faculties and schools prior to the September 1996 meeting of Senate and that the Senate Curriculum Committee report back to Senate on the decisions taken and the implications of those decisions.

Dr. Will reminded Senate that even if the quotas do not change from one year to another, enrolment does. For example, enrolment in a program next year could go up by the flow-through as the result of exceeding the quota this year, or down if the quota is not achieved. He said that the only way of achieving the mandate of the Ministry of Education, Skills and Training to increase enrolment by 4% is to increase quotas, or in the absence of a quota, to admit more students. It soon became clear to the Senate Admissions Committee, however, that the responses of the schools and faculties to a request to increase enrolment by 4% were not additive. The means identified by some faculties to increase enrolment were at the

expense of enrolment in another faculty (or faculties). This occurred when a proposed increase could have resulted in a transfer of students from one faculty to another, with the result that total enrolment in the University would not have increased as intended. Dr. Will stated that these "flow-through" consequences of the various proposals to increase enrolment in faculties and schools had been identified by Dr. Walter Sudmant, of Institutional Research and Planning, from the computer data base, and that the result of this exercise is that a target headcount of over 1100 has been established rather than the 921 FTEs expected by the Ministry. He stated that this target was probably necessary in order to achieve the required number of FTEs. Dr. Will then asked Vice President Birch to comment.

Vice President Birch expressed his appreciation to the Senate Admissions Committee and to the Deans, who had been working with people within their faculties and the Registrar's Office in an effort to work out reliable plans even though there are some complex relationships among the variables involved.

Vice President Birch stated that there appeared to be very little difficulty in meeting the increased quotas at the first-year level but that faculties had put a great deal of effort into trying to distribute the enrolment increases across the years. This distribution was necessary because the flow-through effects would be horrendous if all the increases were to be accommodated at the first year level. Vice President Birch stated that it was not clear what would happen with transfers into second and third years given the number of degree-granting institutions in the province, and

given the volatility and dynamics of transfers even across faculties within the University.

Referring to table 1, Vice President Birch stated that rather than showing one revised quota, the Senate approved quotas are retained as the base while the quotas for the mandated increase this year are identified separately.

Vice President Birch noted that approximately 17,000 undergraduate applications, excluding post-baccalaureate programs such as Law, Medicine, and Education, are processed by the Admissions Office for what amounts to about 7,000 places. He suggested, therefore, that UBC could be fairly confident about being able to meet the revised quotas, although they might not be distributed in just the right way. He stated that the revised quotas include increases of about 400 to 500 at the second- and third-year levels, which could be more problematic. Vice President Birch also noted that there was an increase of about 25% in the outstanding student initiative applicants, which brings those numbers up significantly. He stated that the Faculty of Science estimates that to meet its quota, which has been raised at the first year level, it will have to drop its admission GPA to approximately 83%, which was not a major compromise in terms of the academic quality of the students to be admitted. Vice President Birch stated that if that was an indication of what was to happen, Senate could be fairly confident that while academic quality may be compromised in other ways, which it inevitably is if more students have to be taught with the same resources, it is not going to be compromised by a significant decline in the quality of the students admitted.

Vice President Birch drew Senate's attention to the motion contained in the report concerning curriculum changes that will be made as a consequence of this exercise, some of which, he said, should have been implemented earlier. For example, the Faculties of Applied Science and Science were looking at mechanisms for awarding academic credit for the academic component of co-operative education programs. It was therefore necessary that power of approval be delegated to the Senate Curriculum Committee in order that such changes can be implemented as quickly as possible.

Dr. Birch
Dean Meisen

}

That Senate delegate to the Senate Curriculum Committee the power to approve and recommend to the Board of Governors curriculum changes proposed by faculties and schools prior to the September 1996 meeting of Senate, and that the Senate Curriculum Committee report back to Senate on the decisions taken and the implications of those decisions.

Mr. Brady asked if the Deans were satisfied that the 4% increase in enrolment could be accommodated without adverse academic consequences, particularly as there would be no increase in either the operating grant or the tuition fees.

Dr. Will responded that although the Deans had responded in a spirit of cooperation, no-one had accepted that the increases could be easily accommodated. He noted that the *University Act* gives the University the autonomy to set enrolment quotas. However, the ministry had overridden that right by saying the University

has to take, at least for one year, 4% more students. He said that everyone knew that it could be done only with great cost academically. He stated that the next step had to be a careful assessment of the effect of the imposed increases, and to submit a report to Senate on the costs, implications, and disadvantages to current and future students.

Dean Marchak stated that the impact on the Faculty of Arts would vary from department to department, the biggest impact being on the Department of English which will have to provide first-year English classes for most of the additional students. Dean Marchak stated that new sessional lecturers will have to be found because the current faculty could not possibly handle such an increase. She stated that similar problems apply to Economics, Psychology and Geography, and that classroom accommodation would also be a major problem. Dean Marchak informed Senate that the School of Music poses a different problem in that each new student has to be given tutorials at the same rate as others coming into the orchestral program, and that the cost would therefore exceed the tuition per person because people from downtown would have to be hired. She also cited similar difficulties with the studio programs in Fine Arts and stated that there is a limit to what can be done with Theatre and Creative Writing. Dean Marchak noted that although the School of Social Work may obtain a grant from the government to accommodate more students into a bachelor's program, the students they will accommodate will mostly come from the Bachelor of Arts, which will change the flow-through problem and more students will have to be accommodated at the first

year level so that some of them can go into social work under the new funding program. Also, most of the additional students to be taken in by the Faculty of Commerce and Business Administration will have to come from the Faculty of Arts in order for them to realise their quota.

Dean Marchak stated that although the Faculty of Arts has been informed that a portion of the additional tuition received as a result of the increase in enrolment will be returned to the faculty, it will not be enough to provide the necessary additional teaching resources.

Mr. Brady claimed that Senate had not paid enough attention to the academic fall-out of taking in 4% more students. He insisted that the University should be saying that it cannot be done with the current resources, and that the government should be told that the academic quality will suffer as a result. He expressed his disappointment at the apparent lack of opposition by the Deans to a proposal that will impose on students a lack of service, accommodation and staff to do the job that students are paying for.

Vice President Birch said that he appreciated Mr. Brady's comments and assured him that the Deans had not taken this matter casually. He said that the Deans had responded to a request by the Senate Admissions Committee to forecast the academic consequences. However, the collective judgement was that there would be a great deal more reality to a report submitted to Senate in September after the enrolment increases are implemented and the consequences are documentable. Vice President Birch said that, as stated at the previous meeting, the University was

not in a strong position to oppose the mandated increase because it had accepted, over an extended period of years, designated enrolment related funding for an undergraduate population of approximately 1000 full-time equivalent students beyond the enrolment level of the past year. Therefore the 4% that the University is accommodating is on a base that was already 4% below what it was officially funded for at the undergraduate level. He stated that the University is very concerned that there are such watertight compartments between undergraduate and graduate enrolment funding, particularly because of over-enrolment (and under-funding) at the graduate level where it would make a lot of sense to be able to transfer resources, given the University's distinctive role in the province. Nonetheless, having accepted designated enrolment related funding over a period of six or seven years, and having a very clear figure in all of our reports about what the funded level of enrolment was, Vice President Birch said that the University was not in a very strong position to tell the government that they are forcing it to go beyond the level that it is funded for and that it can accommodate.

Dean McBride stated that the Faculty of Science was not at all happy at having to increase enrolment by 4%, and that it could not take 4% if those additional tuition fees are not allocated according to some reasonable formula that guarantees that the faculty can meet the needs of the students. He stated that one of the problems will be an increased need for laboratories, even though some time slots are available in the mornings. He said that another problem is that enrolment will be strictly limited in certain programs, such as Biology. As a result, students entering the faculty for

the first time will not be guaranteed their first choice, but they could be accommodated in other programs. Dean McBride expressed concern at the effect this process will have on the advising and counselling that students receive.

The University Librarian, Dr. Patrick, also expressed concern at the additional demand the 4% increase will have on the Library.

Dean Meisen commented that the Deans had submitted to Vice President Birch statements which document very clearly the revised quotas and the resulting negative impacts. He said that, presumably, those statements could be shared with Senate at the appropriate time.

Mr. Gray suggested that Senate should express its concern, and that that concern be conveyed to the government.

The motion was
put and carried.

Mr. Gray
Mr. Banfield

}

*That Senate express its concern to the
government at the 4% mandated increase in
enrolment.*

Carried.

Education Abroad Programs

Dr. Will asked that it be recorded in the minutes that the committee recommends that there be a review of the Education Abroad Programs when the new Senate takes office. He said that, given the nature of the program, it does not necessarily follow that the Senate Admissions Committee is the body to do it. He

suggested that the review committee might consist of people from the Senate Admissions Committee, the Senate Curriculum Committee and the Administration. He stated that the committee was not concerned about those programs that have their genesis in an academic setting; i.e. initiated or proposed by a faculty or department, but it was concerned about programs initiated elsewhere. The committee was also concerned about the University's ability to provide the kind of counselling, support and infrastructure needed for these programs. Dr. Will suggested that if this review it is to be done properly it must have considerable Senate input.

APPEALS ON ACADEMIC STANDING

Dr. MacDougall, chair of the committee, informed Senate that a report on the committee's activities would be submitted to the September meeting of Senate.

BUDGET COMMITTEE

Dr. Isaacson, chair of the committee, presented the following report, which had been circulated:

The terms of reference of the Senate Budget Committee are:

To meet with the President and assist him in the preparation of the University budget. In advising the President on the University budget, the Senate Budget Committee may request information on any of the fund accounts of the University; and

To make recommendations to the President and to report to Senate concerning academic planning and priorities as they relate to the preparation of the University budget.

In this context, the operation of the Committee and its activities over the past year are as follows:

Operation of the Committee

The Committee holds regular meetings once a month from September to May, a series of meetings each summer to consider the President's annual budget strategy, and additional meetings each year as necessary. At its regular meetings the Committee considers a variety of issues of interest to members of the Committee and it also discusses with the President issues which he raises. From time to time, the Committee invites presentations from various officers of the University. In some instances, the Committee has been somewhat concerned about the need to be informed in a more timely way in order to assist the President adequately. In other instances, it has been very satisfied with the information received and has been able to provide advice to the President and Vice-Presidents which has been well received and acted upon.

The President's 1995/96 Budget

An important component of the Committee's work relates to a consideration of the President's annual budget strategy. This activity takes place each year shortly after the Committee's report to Senate in May. Because of this timing, the Committee agreed that it would report on this particular matter to Senate early each Fall. Such a report on the President's 1995/96 budget was made to Senate at its October 1995 meeting.

1996/97 Budget Guidelines

The Committee suggested a number of changes which were incorporated into the document 1996/97 Budget Guidelines. This document plays an important part in the preparation of the University's annual budget.

The President's 1996/97 Budget

The President's 1996/97 Budget will be presented to the Committee in about a month, and will be described in the Budget, Planning and Accountability Report - 1996/97 which is to be published in the Fall. The draft submissions of ancillary units have already been presented to the Committee for information. The overall budget is made up of several funds, of which the Core General Purpose Operating Fund is central. Its principal income items are the provincial grant and tuition fees, and its principal expense items are salaries and benefits. It is expected that the overall changes in these categories will be relatively minor.

Information Technology Funding

The Committee heard from the Vice President Student and Academic Services on funding for information technology, and there was a general discussion of related issues. The Committee noted the need to develop a funding policy to address fully information technology issues.

Tuition Fees for International Students

The Committee provided comments on initial versions of a proposal relating to market-based tuition fees for international students. However, the proposal that was eventually presented to the Board of Governors for approval was provided to the Committee with insufficient opportunity for consideration and comment - until after the proposal had been approved. The Committee reaffirmed its interest in examining specific proposals that may be made in the future.

Centralized Units

Recommendation 4 of the report *Centralization and Decentralization* which was accepted by Senate in January 1995 states:

That the Senate Budget Committee be requested to study those centralized units which enjoy full or partial monopoly status on the campus, particularly ancillary units, and to bring recommendations to Senate and to the President not later than the December 1995 meeting of Senate, on a mechanism to ensure that each such unit defines its service in relation to the academic community's needs, provides that service to a standard which meets or exceeds that found in the competitive marketplace, and justifies its operating costs and scale of charges in relation to the fair market value found in the Greater Vancouver area.

A sub-committee was charged with dealing with this request and prepared a report *Helping Centralized Units to Become More Responsive* which was adopted by the full Committee. This report was subsequently accepted by Senate at its February 1996 meeting.

Constituency Support for UBC

The Vice-President External Affairs, the Manager, Media Relations, and the Manager, Government Affairs and Relations briefed the Committee on the state of community and government support for UBC. The briefing focused on perceptions of the University by the media and the wider community, the University's relationship with the different levels of government, and fund-raising activities in the private sector. The Committee views these issues as being of critical importance in affecting the University's long-term financial climate. Committee members provided a number of suggestions with respect to such activities.

Externally Funded Projects

The Committee briefly discussed the budgetary implications of the financing and planned construction of St. John's College, in the light of an apparent short-fall of funding for the project. In such cases, it is not clear what level of

funding should be in place before construction begins. When, at the start of construction, the level of funds which have been secured is less than originally projected, the Committee considers it important to ask whether the project can be properly completed and operated without an additional subsidy from University funds. The Committee did not have an opportunity to consider this issue in detail, and suggests that it be considered more fully by the incoming Committee.

Continuing Studies

The Committee met with the Associate Vice President for Continuing Studies to understand better the structure and activities of Continuing Studies. A central point of discussion related to the non-separation of the credit and non-credit components of the Continuing Studies budget. One consequence of this is that there is an implicit subsidy of non-credit activity from credit activity income. Although such a subsidy appears to be needed and may well be appropriate, some members felt that this should be made explicit, rather than arise as an implicit consequence of the budgetary structure that is in place. It was noted that the inclusion of credit programs in the Continuing Studies operation encourages cross-disciplinary initiatives and technological innovations in delivery.

Other Issues

In addition to the items highlighted above, the Committee also heard briefly and commented on the following issues during the past year:

- The Teaching and Learning Enhancement Fund (considered in May 1995)
- Decentralization of academic computing
- Early termination agreements for faculty

The Committee was generally very satisfied with the arrangements in place with respect to these matters.

Unfinished Business

Outstanding Student Initiative. The July 1995 motion of the Committee included the statement: "The Committee notes that the increased and planned expenditure relating to the Outstanding Student Initiative represent significant commitments. It would appreciate receiving reports on the Initiative during each of the next three years so that it may examine the effectiveness of the corresponding expenditures." The Committee has received such a report and intends to consider the matter at its May 1996 meeting.

Tuition Fees for International Students. As indicated above, the Committee is interested in examining specific proposals relating to tuition fees for international students.

Externally Funded Projects. As indicated above, the Committee would like to examine further the funding arrangements that are in place, including the use of endowment funds, for externally funded projects.

Administrative Policies for Classrooms. The Committee had intended to consider the budgetary implications of administrative policies for classrooms, taking account of the recent Classroom Master Plan as well as a report from a committee relating to classroom operational policies. However, the latter report is not yet available.

The incoming Senate Budget Committee may wish to place the above four items on its agenda.

Dr. Isaacson spoke briefly to the report, highlighting the various issues dealt with by the committee.

<i>Dr. Isaacson</i>	}	<i>That the report be accepted.</i>
<i>Dr. MacDougall</i>		

In response to a query by Mr. Brady, Vice President Birch confirmed that there will be a line in the budget for funding professional development for faculty and teaching assistants. An amount of \$200,000 has been established on a recurring basis for core operations as of next year. This year there is an amount of \$100,000 in recurring funds and \$100,000 in soft money, plus project funds.

Dr. Richer asked if University money was being put into the construction of St. John's College. The President responded that University money would not be used to fund the project.

Mr. Gray stated that the Budget Committee Reports submitted to Senate do not reflect the flavour of the work of the committee. He said the committee had full, spirited, and candid discussions of a number of the issues presented, and he urged

future committees to continue in the same manner. He commended the President for his patience and responsiveness.

Dr. Isaacson expressed thanks and appreciation for the support received from members of the committee and from the staff of the President's Office, particularly the office of Budget and Planning.

The motion to accept the report was put and carried.

CURRICULUM COMMITTEE (SEE APPENDIX B)

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

Faculty of Applied Science

The committee recommended approval of curriculum proposals from the Faculty of Applied Science.

Faculty of Forestry

The committee recommended approval of curriculum proposals submitted by the Faculty of Forestry.

Faculty of Graduate Studies

The committee recommended approval of curriculum proposals from the Faculty of Graduate Studies, subject to minor editorial changes. Dr. Berger drew attention to a proposal to establish a new Master of Landscape Architecture program. He explained that the undergraduate program was being replaced by a graduate program. The undergraduate courses will be phased out over the next four years and new graduate courses will be phased in.

School of Nursing

The committee recommended approval of curriculum proposals from the School of Nursing.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculties of Applied Science, Forestry, Graduate Studies, and the School of Nursing, be approved.</i>
<i>Dean Goldberg</i>		

Carried.

Editorial changes

A list of editorial changes had been circulated for information.

Policy re records of editorial changes

Dr. Berger explained that an editorial change policy had been implemented as a result of recommendations by the Senate Ad Hoc Committee on University Organization. He stated that coordinating editorial changes with substantive changes had become increasingly problematic and that this would require further procedural development. The committee therefore recommended that the Registrar's Office maintain the editorial change forms as a permanent record.

LIBRARY COMMITTEE

Dr. Gilbert, chair of the committee, spoke briefly to the following report which had been circulated:

The Senate Library Committee met eight times during the past academic year; the Chair and the University Librarian met twice with the Chairs of the Library Advisory Committees and the senior Librarians and Bibliographers from the Library System.

The Senate Library Committee has focused its discussions on three major topics: the Library's Restructuring Plan, the Library's new computer system, and the Library Review Report, all of which hold implications for the Library's academic functions.

In the Library's Restructuring Plan, the Senate Library Committee has been concerned to ensure that service point reorganization, circulation policies and changes to interlibrary loan work effectively for all Library users. We have monitored the procurement process for a new computer system which will be phased in at the beginning of spring 1997. The Senate Library Committee wishes to assure Senate that this major decision was reached after very thorough and careful evaluation by all sectors within the Library. When the system comes on-line, it will mark a major step forward for the Library's information systems, and thus for the academic endeavour.

As Senators well know, the Library underwent a major review this year, with Dean Lynn Smith of Law as Chair of the Review Committee. The Review produced more than 70 recommendations, six of which were directed specifically to the Senate Library Committee. One of those recommendations dealt with an issue, the Serials to Monograph spending ratio, which has become a major focus for the Senate Library Committee as we try to find solutions to the serials pricing problems. We consulted widely with the Library Advisory Committees on the applicability of a requirement established some years ago by the Senate Library Committee, which essentially required the Library to spend 65% of its collection budget on serials and 35% on monographs. Our wide discussions with the Library Advisory Committees indicated that none of the major areas in the Library actually have a ratio of 65:35 although the average for the Library as whole does approximate these figures. Each Library Advisory Committee therefore agreed that they would determine, within appropriate guidelines, their own ratio of serials to monographs expenditures, a mechanism which appears to have worked effectively this year. The Senate Library Committee has agreed that the 65:35 serials to monographs ratio is no longer relevant or useful, and that each Library Advisory Committee should be left to determine the ratio appropriate to its academic area. We recommend to Senate that the requirement of a fixed Serials to Monographs ratio be withdrawn.

A second recommendation of the Library Review Report directed to the Senate Library Committee concerned establishing a Collections Management Council. This is in process of discussion. In the next session of Senate, the Library Committee will act on a third recommendation made in the Review: that is, to establish a Sub-committee of the Senate Library Committee to review arrangements for collection coordination in the Library.

A fourth recommendation concerned two committees approved by Senate in 1995 as a result of the Senate Library Committee's report "Scholarly communication, serials and technology: problems and possibilities". These

Committees – one to examine policies concerning information technology, and a second to examine the infrastructure necessary to make information readily available – were struck by the Vice President, Student and Academic Services. These two committees will shortly report to the Advisory Committee on Information Technology, and we anticipate that their reports will be made to Senate in September.

The Chair of the Senate Library Committee, the University Librarian and the Vice President, Student and Academic Services have met on a semi-regular basis this year to discuss Library-related matters which needed discussions in the Senate Library Committee. A recommendation that such meetings take place was made in the Review Report.

As observant Senators will note, the Koerner Library is well along in construction and we look forward to moving into the new Library later this year. I would like to bring to the notice of Senate the very generous gift of Earl and Suzanne Dodson who have contributed \$100,000 to provide a second elevator for the building. The Dodsons have also provided funding for lighting at the top of the Atrium and for expanding the rooftop patio by the staff lounge.

During this session of Senate, the Senate Library Committee has been particularly concerned to develop its relationship with the Library Advisory Committees. We are pleased to report that the process is going well. The Senate Library Committee sees the Advisory Committees as very necessary components in the planning of Library activities, since these Committees represent faculty and student opinions. The Library Advisory Committees also serve as fora for issues about which the Senate Library Committee wishes to canvas faculty and student views.

The Senate Library Committee is pleased to announce that in March 1997, UBC and Simon Fraser University will co-host "Research Communication at the Millennium", a national conference on scholarly communications to be held at SFU Harbour Centre - an indirect result of the publication of the 1995 report to this Senate. This meeting will receive support from national professional associations, granting agencies, etc. The Senate Library Committee is also pleased to report that the first UBC Library Lecture will be held in October 1996, at which the speaker will be Dr. Michael Lesk of Bellcore. This lecture will be co-sponsored by the Library, the Department of Computer Science, and the School of Library, Archival and Information Studies.

In conclusion, the Senate Library Committee reiterates that the role of the Senate Library Committee is to advise on Library policy as indicated in the University Act. It is not the role of the Senate Library Committee to comment on aspects of management, personnel or internal organization within the Library. During this term of Senate, the Senate Library Committee has worked exceptionally hard on a number of issues which are crucial to the future of the Library. However, it is of interest to note that a number of issues raised in the 1988

Review of the Library are still with us. These include, for example, the role of the provincial government in the funding of the UBC Library. It is the Senate Library Committee's view that, as with every other academic and administrative unit at UBC, the Library will face severe challenges during the next three years; it will need considerable imagination to ensure those challenges are met successfully in order that the integrity of the Library as a resource central to the academic goals at the university is maintained. The Senate Library Committee urges that the university administration pay close heed to the tenor of the Library Review Report and to its recommendations, given the centrality of the Library to the academic exercise, and the Senate Library Committee urges that, when and where possible, the University Administration assure the Library its strongest support.

Finally in closing, I should like to thank all members of the Senate Library Committee for their service during the past three years. Their continual interest and support have been greatly appreciated. I should also like to thank the University Librarian, Dr. Ruth Patrick, for her support of the Senate Library Committee and for engaging the Senate Library Committee in many crucial decisions concerning the Library. I should like to make special mention of the University Librarian's Executive Secretary, Jean-Philippe Wilmschurst, who has been a very efficient and facilitative Secretary to the Senate Library Committee during the past three years. Finally, I should like to acknowledge the tremendous help of Ms. Janice Kreider, Coordinator of Collections, who, each month, provided us with either uplifting or depressing news about the state of international money markets relative to the price of serials. Acting on the data which Ms. Kreider has continuously supplied, the Senate Library Committee is delighted to inform Senate that, for this year at least, there will be no cuts in the serials collection. Alas, we can make no such guarantee for the coming years.

Dr. Gilbert highlighted three major aspects of the report: the Library's Restructuring Plan, the Library's new computer system, and the Library Review Report. Dr. Gilbert also drew special attention to the very generous gift of \$100,000 made by Suzanne Dodson, a UBC librarian, and her husband, Earl, for the installation of a second elevator in the new Koerner Library.

Dr. Gilbert expressed his gratitude to members of the committee who had worked incredibly hard on the many issues brought before the committee. Dr. Gilbert paid a

special tribute to the Librarian's Executive Secretary, Jean-Philippe Wilmshurst, and to Janice Kreider, Coordinator of Collections, for the enormous amount of work they have done for the committee over the past three years.

Dr. Gilbert
Mr. Banfield

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That the report be received.

Carried.

On behalf of the committee, Dr. Grace expressed appreciation for the work done by Dr. Gilbert as chair of the committee over the past three years. She stated that, under his leadership, some very good steps had been taken to enhance the communication between faculty, students and the Library.

Dr. Autor informed Senate that, in order to assist the Library, the Senate Curriculum Committee has developed a system that ensures that library consultation takes place when proposals for new programs, new courses or course changes are submitted.

NOMINATING COMMITTEE

Dr. Williams, chair of the committee, presented the following report on the committee's recommendations to fill vacancies on Senate committees:

Academic Building Needs

Mr. S. Arnold - continuing member

Mr. A. Legge - replacing Mr. D. Khan

Academic Policy

Mr. S. Arnold - continuing member

Mr. J. Murray - replacing Mr. D. Shu

Admissions

Mr. J. Boritz - replacing Mr. D. Culhane

Mr. J. Nobbs-Thiessen - replacing Mr. C. Lim

Agenda

Mr. J. Murray - replacing Mr. D. Culhane

Ms. C. Ng - replacing Mr. T. Lau

Appeals on Academic Standing

Mr. J. Boritz - continuing member

Ms. J. K. Gill - replacing Mr. E. B. Goehring

Ms. C. Ng - replacing Mr. T. Lau

Budget

Mr. J. Nobbs-Thiessen - replacing Mr. E. B. Goehring

Mr. V. Pacradouni - replacing Mr. E. C. H. Woo

Continuing Studies

Mr. S. Lohachitranont - replacing Mr. T. Lau

(1 vacancy)

Curriculum

Mr. A. Briggs - replacing Mr. D. G. Geros

Ms. J. K. Gill - replacing Mr. I. Gill

Mr. B. G. McDonald - replacing Mr. A. Lau

(1 vacancy)

Elections

(1 vacancy)

Liaison with Post-Secondary Institutions

Ms. C. Ng - replacing Mr. C. Lim

Library

Mr. J. Boritz - continuing member

Ms. L. Chui - continuing member

Mr. C. Gorman - replacing Ms. J. Dzerowicz

Student Appeals on Academic Discipline

Mr. J. Boritz - continuing member

Mr. C. Gorman - replacing Mr. D. Khan

Mr. M. Kirchner - replacing Mr. C. Lim

Student Awards

Mr. A. Legge - replacing Ms. L. Lam

Mr. D. Shu - continuing member

Tributes

Ms. L. Chui - continuing member

Mr. M. Kirchner - replacing Mr. E. B. Goehring

<i>Dr. Williams</i>	}	<i>That the recommendations of the Nominating Committee be approved.</i>
<i>Dr. MacDougall</i>		

Carried.

COMMITTEE ON STUDENT AWARDS (SEE APPENDIX C)

New Awards

Dr. Cook, chair of the committee, presented a list of new awards for acceptance by Senate.

<i>Dr. Cook</i>	}	<i>That the awards (listed in Appendix C) be accepted and forwarded to the Board of Governors for approval and that letters of thanks be sent to the donors.</i>
<i>Dean McBride</i>		

Carried.

Annual Report

Dr. Cook presented the following annual report, which had been circulated for information:

The report includes:

- Summary of awards presented to Senate between September 1993 and May 1996
- Summary of issues addressed by the Committee
- Issues for future consideration

1. SUMMARY OF AWARDS

The committee met 14 times and recommended acceptance of 183 awards. Total annual value of these awards is about \$1.2m. 125 awards (68%) are funded through endowments and 58 awards (32%) are annually funded.

Of the total number of awards, the distribution by category of award is:

- 20 fellowships
- 69 scholarships
- 44 prizes
- 10 awards
- 40 bursaries

The distribution of awards and the total annual dollar value of awards by Faculty are summarized in appended spreadsheets. (See Appendix C - Annual Report)

2. SUMMARY OF ISSUES

Conditions for Acceptance of Awards approved by the Senate in May of 1990 remain in effect and have facilitated both the negotiation processes with donors as well as the approval processes through the University governing bodies. The Committee is satisfied that these conditions remain in effect for the foreseeable future.

Non-conforming Awards include approximately 200 (about 7% of the total administered by UBC) which were approved prior to implementation of the 'Conditions for Acceptance of Awards'. These awards include discriminatory terms which contravene current policy. Review of these awards was undertaken in the Awards and Financial Aid Office in consultation with the Development Office. Annually funded awards are changed as is appropriate and possible each year when donors confirm funding. Endowed awards are being reviewed as administration of the awards becomes increasingly difficult. With endowed awards the ability to change terms is constrained by obligations to the donor and occasionally a necessity to demonstrate that the award can no longer be administered as specified. The Committee supports the commitment of the Awards and Financial Aid Office, in cooperation with the Development Office, to continue to eliminate as many non-conforming awards as is possible.

Affiliation Award defines a category in which the recipient is required to provide evidence of affiliation with a specified group or organization. For example, the recipient must be a Sun-Province carrier, or a dependent of a member of a specified union or professional organization. The Committee accepts new awards within this category only if the terms are consistent with Senate policy. The Committee discourages donors from creating affiliation awards and scrutinizes carefully any new awards of this type.

No new affiliation awards were accepted during the 1993-96 term of the Senate. Donors with existing affiliation awards were permitted to vary terms within the existing descriptions, but only if such variations conformed with existing policy. Changes to existing affiliation award description were deemed to create new awards and were presented to Senate for approval.

Transfer of Academic Merit-based awards for Graduate Students to the Faculty of Graduate Studies was undertaken in the summer of 1995 and is substantially completed. Responsibility for academic merit-based funding for graduate students transferred to the Faculty. Financial need-based funding, prizes and cheque distribution remain with the Awards and Financial Aid Office. The Awards Office also remains responsible for: 1) relations with the Development Office and the governing bodies of the University to develop and approve new awards; and 2) electronic and operational systems which monitor whether university policy and donor obligations are met in the award assignment process. The Senate Committee supports this continued monitoring of the award assignment process to ensure that awards are assigned in accordance with existing Senate policy.

The Committee supports the transfer and the cooperation between the Faculty and the Awards and Financial Aid Office to resolve funding issues for graduate students.

Award Term Review Projects were undertaken at the initiation of the Faculties of Commerce and Education to ensure that existing award terms permitted effective administration of awards within the changed program and/or department structure.

Outstanding Student Initiative Program, although outside the purview of the Senate Awards Committee, is supported and viewed by the Committee as an important recruiting tool for undergraduate students entering UBC from secondary schools. The program originated in 1989-90 as an initiative of the President's Office arising from the Task Force on Liaison, Recruiting and Admission.

An ad hoc review was initiated by the Vice-President Student and Academic Services and Chaired by the Registrar in 1994. The chair of the Senate

Committee on Students Awards as well as the Director of Awards and Financial Aid participated in the review. For 1995-96 program year, this recruiting program included : a renewable scholarship of \$10,000 payable at \$2,500 for 4 years assuming that students maintain scholarship standing; early offer of admission; early access to Telereg; assured space in university graduate residence; opportunity to by-pass the lottery system to obtain Parkade parking; as well as welcoming and congratulatory letters and phone calls from various levels of the university.

The Committee noted that there are unresolved policy issues related to the program and recommends that a program advisory committee be established by the Vice-President Student and Academic Services. It is suggested that a representative from the Senate Committee on Student Awards, the Senate Admissions Committee and the Senate Budget Committee be invited to membership.

150% Rule which administratively linked the assignment of University Scholarship Program scholarships and awards assigned on the recommendation of Faculties was eliminated in 1993 at the recommendation of the Committee and with the approval of Senate. The elimination of the Rule has had the anticipated effect of permitting the Awards and Financial Aid Office to assign the University Scholarship funding in a timely manner prior to student registration in September. Students receive University Scholarship award assignments during the summer, know the precise amount of the award assigned and what portion of their fees the award will pay. This together with improvements in the administration of the BC Student Assistance Program loans by government has substantially reduced the demand for short term UBC loans in September. In addition, Faculty appointed scholarship Chairs within departments can now recommend scholarships with knowledge of how this will affect a student's overall merit-based funding from all university sources as this information is available on Student Information System.

The Committee has reviewed the data resulting from the elimination of the 150% Rule and is satisfied.

An Entrance Bursary Program was initiated by the Director in 1994. The program is funded by an existing endowment, a new annual gift and is supplemented through the University bursary budget. In the first year, the program provided about \$70,000 in Entrance bursary to students entering UBC from secondary schools who had demonstrated financial need which could prevent them from attending UBC. Students in need of funding were identified through the Entrance Scholarship application process with the cooperation and assistance of secondary school principals and counselling staff. In 1995-96, about \$150,000 in Entrance bursary was provided to students entering from secondary schools. The Committee supports the continuation of the program.

ISSUES FOR THE FUTURE

The Committee suggests review of:

- 1) "the 90% of a full course load with no failed courses" provision particularly for those Faculties in which 90% of a full course load is greater than is required in the four years of an undergraduate program in Arts and Science; and
- 2) scholarships for part-time undergraduate and graduate students as this has not been reviewed since 1989-90.

CONCLUDING COMMENTS

The Committee compliments the preceding Vice President Administration and Finance, A. Bruce Gellatly for the inclusion of the university awards in the 1994-95 Financial Statements. The Committee commends the Director of Awards and Financial Aid, Carol Gibson, and the Awards Coordinator in the Development Office, Elizabeth Ko, for their continued cooperation to ensure that awards brought forward to the Committee and to Senate are consistent with the policies governing awards as approved by Senate.

Dr. Cook summarized various aspects of the report, drawing particular attention to the committee's comments under the heading "Outstanding Student Initiative Program". As stated in the report, Dr. Cook, said that there are unresolved policy issues related to the program. She asked that it be recorded in the minutes that the committee suggests that a special review committee be established by the Vice-President Student and Academic Services, the membership to include a representative from the Senate Committee on Student Awards, the Senate Admissions Committee and the Senate Budget Committee.

Dr. Cook paid tribute to the work done by members of the committee, and gave special thanks to Mr. Bruce Gellatly, former Vice President Administration and Finance, for including information on awards in the University's 1994/95 financial statements. Dr. Cook also commended Ms. Carol Gibson, the Director of Awards and Financial Aid, for her major contribution to the re-doing of the awards program.

STUDENT APPEALS ON ACADEMIC DISCIPLINE

Senate was informed that a report on the committee's activities would be submitted to the September meeting of Senate.

Report of the University Librarian - 1994-95

Dr. Patrick, University Librarian, presented the report, stating that it highlights some of the strategic activities engaged in to achieve the Library's mission, which is to provide outstanding access to the universe of recorded knowledge. Dr. Patrick noted that electronic acquisitions and access to Internet have increased, and that teaching programs are being increased through the Teaching and Learning Program. She stated that in order to find out what users need, interaction with users through focus groups has increased. Services have also improved through the implementation of self service renewal and check out.

Dr. Patrick stated that over the past six years the Library has focussed on two strategic areas; technology and facilities. She stated that the Library has reallocated \$1 million to acquire technology, and that technology had been used to reduce operating costs and improve service. Dr. Patrick announced that the Library had received an award for quality and productivity for document delivery service from the Canadian Association of University Business Officers, which she said was evidence that the Library manages its resources in the best possible way.

Referring to facilities, Dr. Patrick stated that it was anticipated that Phase I of the Walter C. Koerner Library will be completed in December, and that there will be 900 user stations together with a fully equipped computer training laboratory to help in the transition towards a digital library. The Library is also working towards developing a Master Space Plan.

Dr. Patrick expressed thanks and appreciation to the 15 library advisory committees for their advice, and gave special thanks to the Senate Library Committee who, she said, had worked diligently to understand the complex issues of the Library.

Report on Official Community Plan

Professor Quayle, member of the G.V.R.D. Planning Advisory Committee presented the following report on the U.B.C. Official Community Plan, for information:

At the April 17, 1996 Senate meeting I reported on the progress of the Official Community Plan from both a professional and personal point of view. Since that meeting, there has been one Planning Advisory Committee meeting where a draft "Vision for the UBC Community" was discussed. This vision statement would be positioned at the beginning of the Official Community Plan document, hopefully driving both the planning principles and the plan itself. This draft vision statement, not yet formally approved or reviewed by all the necessary groups, begins with the statement: A vision for the UBC community: creating an exemplary community for living, working and learning. It is then suggested that the plan must address some key elements which are outlined below:

living - working - learning

The community is a place to live and work, where learning is infused in daily life; the academic tradition is reflected in all aspects of the community. The questioning inherent in learning permeates everyday activities.

respect - harmony - patterns

The community is planned, designed, constructed and inhabited with the utmost respect for the land and its patterns -- natural, cultural and historical. The community harmonizes with its setting and its academic core. Residents, staff and students join in a sense of stewardship for the environment. Neighbouring communities are considered.

stimulating - healthy - interactive

The community seeks diversity of people, form, use, processes and interactions. The community mixture that results is stimulating and is constantly encouraging interaction with the environment and with the community academic resources.

creativity - innovation - renewal

The community evolves continually through creativity, innovation and renewal. Its landscape and activities follow ecological cycles and parallel natural systems. Through an understanding of these processes, learning is fostered.

demonstration - experimentation - leadership

The community is different from others -- it leads by example. It provides a testing ground for theories generated within the university, and offers back ideas and interactions. This connection between academic endeavours and community life offers a demonstration to other communities of what is possible.

A narrative description of the envisioned community follows these key elements in the proposed vision statement. An important question arises if this vision were to be adopted -- what actions are required to realize such a vision?

In terms of process and timing, a meeting is scheduled between the UBC Board of Governors and the GVRD Board of Directors on May 22 to discuss the Official Community Plan status. At the Planning Advisory Committee we are expecting a second and final draft of the plan by the end of May.

It would be extremely useful if Senate would engage in some discussion about the general academic aspects of the Official Community Plan. At the last meeting I raised issues about the responsibility of the university as an educational institution, the articulation of an academic vision, the seeking of balance among ecology, economy and community, the demand for more creativity, and an emphasis on the campus "cluster of communities" concept were raised.

Some issues and questions that Senate may wish to address include:

The content and clarity of the academic vision for U.B.C.'s future, especially in the context of its influence on the development of the south campus lands, requires debate. In other words, how do we find balance among

- 1) the desire to maximize endowment to sustain the university and further the academic vision,
- 2) the opportunity to be leaders in building a sustainable community and,
- 3) the mandate, as a university, to plan and develop those lands in an environmentally sound manner?

Assuming that it is important to enhance the teaching and research mandate of U.B.C., how should we be considering the long term influence of planning moves on academic units who are directly affected? These units with South Campus enterprises include the Faculties of Agricultural Sciences, Forestry and Science, the Departments of Animal Science, Botany, Plant Science and Zoology, the UBC Botanical Gardens and the UBC Animal Care Centre. This group has made its academic concerns known to the administration along with specific suggestions to make their enterprises more efficient and responsive to the OCP directions. The President's Property and Planning Advisory Committee passed a motion at its last meeting to refer a detailed memo from the above concerned parties to the President underlining our concerns about these academic issues.

The concept of mixed use has been applied throughout the campus community in the draft Official Community Plan. This will support the

GVRD's objectives of creating communities where living, working, shopping and playing are in close proximity. On the main campus, this concept has the potential to create a much more vibrant and active place for a longer period each day. Are there issues around the "commercialization" of the campus? Where do we draw the line?

These questions are just some of the many that surround the Official Community Plan -- and any public planning process, for that matter. The comments of Senate on these and other issues would be appreciated.

Professor Quayle commented briefly on the report, stating that a second draft of the Official Community Plan was expected towards the end of May and that the Planning Advisory Committee will be meeting in early June to consider that draft.

Professor Quayle summarized the issues and questions outlined in the report that perhaps Senate might wish to address, stating that she would be interested in hearing from senators that have a viewpoint on these matters.

Vice President Birch expressed appreciation to the deans of the three faculties which currently have academic activities located on the south campus and Totem Field, the Plant Operations and the Animal Care Unit, and noted that out of a series of meetings came an agreement on a number of principles. The heads of the relevant departments have worked collaboratively in arriving at a set of principles. It was agreed

1. that less intensive functions which can be relocated away from the University to such places as the Agassiz or Oyster River farms, will be;
2. functions which are more appropriately located in the academic core of the campus, will be; and
3. that revenue from development should support the re-location, in whole or in part.

A decision was made that the Totem Field, which is the most desirable location for integrated land based life sciences uses, should be assured for those uses for the next thirty years.

Other business

POLITICAL SCIENCE - PROGRESS REPORT

Dean Grace reported that he had received that morning, the second of three promised reports from the Department of Political Science. He explained that the report contains an outline of how the department has complied with the terms of the agreement reached between Dr. Elkins and himself last October. It also states how the department feels that it now meets or will soon meet the terms of the matrix of expected and desirable elements recently approved by Graduate Council. In addition, the report includes as an appendix the Working Group 3 report, "Fostering a Supportive Environment", which, among many elements, provides a statement on professional conduct for faculty. About twenty recommendations, motions and sub-motions have been adopted by the department, including the establishment of an equity and academic freedom advisory committee to be chaired by the head. Dean Grace said it was clear that an enormous amount of work has been going on in the department in response to the questions that were at issue last summer and fall.

NOTICE OF MOTION RE ACADEMIC ADVISING

Ms. Lica Chui gave notice of motion for the September meeting to the effect that a committee be established to look at the issue of academic advising for undergraduate students.

Report of the Tributes Committee (in camera)

EMERITUS STATUS

Dean McBride, chair of the committee, presented a report recommending that the following be offered emeritus status:

Mr. J. Atrens	Professor Emeritus of Law
Mr. R. C. Beaumont	Assistant Professor Emeritus of Germanic Studies
Dr. T. Roy Bentley	Professor Emeritus of Language Education
Dr. Paul Bradley	Professor Emeritus of Economics
Mrs. Alena Branda	Senior Instructor Emerita of Human Kinetics
Mrs. Lore Brongers	Administrative Librarian Emerita

Report of the Tributes Committee (in camera)

Dr. William F. Caselton	Associate Professor Emeritus of Civil Engineering
Dr. Bomshik Chang	Associate Professor Emeritus of Mathematics
Dr. John A. R. Coope	Professor Emeritus of Chemistry
Dr. Marian G. R. Coope	Associate Professor Emerita of Hispanic and Italian Studies
Mr. Richard Copley	Senior Instructor Emeritus of Geography
Dr. J. Allan S. Evans	Professor Emeritus of Classical, Near Eastern and Religious Studies
Dr. Armin Frei	Professor Emeritus of Mathematics
Dr. Douglas L. Golding	Associate Professor Emeritus of Forest Resources Management
Dr. Donald D. Greenwood	Professor Emeritus of Audiology and Speech Sciences
Dr. Henry C. Hightower	Professor Emeritus of Community and Regional Planning
Dr. L. E. Hill	Professor Emeritus of History
Dr. Muhammad Iqbal	Professor Emeritus of Mechanical Engineering
Dr. Wolfgang G. Jilek	Clinical Professor Emeritus of Psychiatry
Dr. Lawrence D. Jones	Professor Emeritus of Commerce and Business Administration
Ms. Diana Kent	General Librarian Emerita
Mr. William J. P. Logan	Associate Professor Emeritus of Curriculum Studies
Dr. Larry F. Moore	Associate Professor Emeritus of Commerce and Business Administration
Dr. Ian H. Plenderleith	Clinical Professor Emeritus of Medicine
Dr. G. Stephen Pond	Professor Emeritus of Oceanography
Dr. Angus Rae	Clinical Professor Emeritus of Medicine
Dr. Hilton Ramsey	Professor Emeritus of Mechanical Engineering
Dr. G. F. Schrack	Professor Emeritus of Electrical Engineering
Dr. Fred E. Stockholder	Assistant Professor Emeritus of English
Dr. Stanford N. Stordy	Clinical Professor Emeritus of Medicine
Dr. J. Neil Sutherland	Professor Emeritus of Educational Studies
Dr. Maria G. Tomsich	Associate Professor Emerita of Hispanic and Italian Studies
Dr. Bruce L. White	Professor Emeritus of Physics
Dr. Jerry S. Wiggins	Professor Emeritus of Psychology
Dr. Robert M. Will	Dean Emeritus of Arts and Professor Emeritus of Economics
Dr. James V. Whittaker	Professor Emeritus of Mathematics

*Dean McBride
Dr. Slonecker*

}

That the recommendations of the Tributes Committee concerning emeritus status, be approved.

Carried.

Dean McBride informed Senate that, in future, the Calendar listings of emeritus status will list Vice Presidents. Vice Presidents and Deans will also be listed under their respective departments.

HONORARY B.SC. (PHARM.) DEGREES

Dean McBride reminded Senate that at the January meeting a motion was approved offering honorary B.Sc. (Pharm.) degrees to those persons who became members in good standing of the College of Pharmacists of British Columbia and who received their training in this province prior to the granting of B.Sc. (Pharm.) degrees by The University of British Columbia. Dean McBride informed Senate that the committee had considered the list of those eligible, and recommended that the following individuals be granted honorary B.Sc. (Pharm.) degrees at a special ceremony in the fall:

- Robert William Barclay
- Paul Harold Erling Bjarnson
- Adeline Marie Bluenauer
- Stuart Wallace Boucher
- Bernhard Harry Brown
- Douglas Arthur Tim Chipperfield
- Ian William Coote
- Douglas Morrison Crosby
- Joseph Anderson Crowder
- Stanley Reginald Davies
- Charles William Doodson
- Bernard Alfred Ellams
- Gerald Arthur Elliott
- Peter Gehrke Guthie
- Henry H. Hersog
- Kathleen Jean Mary Lange Jancowski
- Bruce Elbert Johnston
- James E. Leahy
- Erica Merian McCall
- Merwyn Elliott Balfour McVicar
- Elmer S. Meier
- Robert Gwynne Milward
- Stuart Richardson Pallott

- Roland Norman Pengelly
- Kenneth Ansley Pitman
- Henry Elbourne MacKay Richards
- Alexander R. Thomson
- Vera Salone Varner
- John Joseph Weicker

Dean McBride

Dean McNeill

}

*That the recommendations of the Tributes
Committee concerning the granting of
honorary B.Sc. (Pharm.) degrees be approved.*

Carried.

Dr. Robert M. Will

Dr. Gilbert said that since this was probably the last occasion on which Senate would have an opportunity to hear the perorations of its institutional memory, it would not be appropriate for members to leave without recognising Bob Will. Dr. Gilbert said that he had enjoyed listening to and working with him on committees. He stated that Senate had been exceedingly fortunate that Dr. Will had reminded members, on more than one occasion, of their academic responsibilities to a university which he obviously loves. Dr. Gilbert said "I know that we all wish him well as he goes from us tonight".

Dr. Will received a standing ovation from members of Senate.

Adjournment

The meeting adjourned at 10:30 p.m.

Next meeting

The next regular meeting of Senate will be held on Wednesday, September 18, 1996.

Appendix A

MANDATED ENROLMENT INCREASE FOR 1996/97

Memorandum to Deans

Today we received the letter from the Ministry of Education, Skills and Training confirming the message already conveyed that the 4% productivity increase announced by the Premier would carry with it the expectation that UBC would increase its undergraduate enrolment by 921 FTE students. UBC would also be deemed to have an increase of 4% or 152 FTE in the number of funded places for graduate students. During the next few months the MEST will engage with us in discussion of future enrolment plans at the undergraduate and graduate levels in the light of UBC's distinctive role in the provincial system of higher education and with reference to performance and outcomes.

In this week's preliminary discussion of strategies for achieving an increase of 921 FTE undergraduate students, the following points were made:

1. It is essential that we actually achieve the increase since the Ministry has stated clearly that, if there is a shortfall (as determined by reviewing November enrolment) the scheduled grant payments will be reduced accordingly.
2. Tuition revenue from 921 FTE students is about \$2 million about half of which has already been built into 1996/97 budget projections to minimize the need for reallocation. This leaves a potential \$1 million to reinforce the capacity required to enrol the additional 921 FTE or approximately \$1,000 per student.
3. The starting assumption is that we will make our best efforts to increase enrolment by 4% in each undergraduate program. To the extent that we cannot confidently predict an increase of 4% in a particular program, we will have to plan for an increase of more than 4% in another program or programs in order to offset the shortfall. First we will determine whether another program in the same faculty can be increased to provide the required offsetting enrolment and, failing that, we will determine which other faculty can do so.
4. To the extent that enrolment increase in one faculty drives costs in another faculty, the faculty providing service teaching will require financial support. For example, Arts for first-year English and Science for first-year Mathematics. Funds may be shifted subsequently in keeping with shifts in the teaching demands from one faculty to another.
5. We will attempt to increase the number of students admitted to 2nd, 3rd and 4th years in order to minimize the enrolment bulge in 1st year but, with the sharp increase in the number of degree-granting institutions in the province, transfer patterns may be changing and we may have to take an increased proportion of newly admitted students into 1st year.
6. A significant increase in Extrasessional Studies enrolment is projected but, since some of this is likely to constitute a shift of students from daytime to evening courses, we cannot safely assume that the increase in Extrasessional Studies enrolment can be considered a net increase in total enrolment.
7. Enrolment will increase by a substantial percentage in courses offered in a distance education/distributed learning mode but this is, as yet, on a fairly small base. This source of enrolment will grow in significance in the next few years.

Appendix A

8. Diploma programs will be promoted and faculties will examine the potential for filling courses with any unused capacity with unclassified and occasional students.
9. Faculties will consider the possibility of accelerating implementation of plans for program simplification, block timetables, extrasessional scheduling and other means of increasing efficiency and controlling costs in order to increase enrolment.
10. Underlying the provincially-mandated "productivity increase" is the expectation that institutions will accommodate the 4% increase in enrolment with no increase in the provincial operating grant and no increase in tuition rates. The small amount available from the fact that more undergraduate students will be enrolled and will, therefore, pay tuition fees, will be allocated first to those faculties which take a disproportionately high share of the enrolment increase and those faculties which take on additional service teaching for students enrolled in other faculties.

I have attached a table showing Full-Time Equivalent Students (undergraduate) by program in each of the past six years. The right-hand column shows the required distribution of the "productivity increase" across programs on the assumption that each program will produce an increase in enrolment of 4%.

I would appreciate receiving a preliminary draft plan as soon as possible from each Dean showing how the 4% increase will be achieved. Submitting an outline by Friday, April 12 would be helpful even if it requires refinement during the following week.

Attached: Full-Time Equivalent Students (90/91 to 95/96) and "Productivity Increases" (96/97)

Appendix A

Tables

Mandated enrolment increase for 1996/97

table1: Previously Approved and Mandated Quotas for 1996/97

Faculty	Level/Program	Quota	Quota Sub-total	Mandated Quota Increase	
Arts	Year 1	1,500		250	
	Year 2	450		100	
	Years 3 &4	350		120	
	Total		2,300	470	
Ag Sci	Year 1	125	125	-	
Applied Sci	Year 1	450		9	(1)
	Year 2	513		22	
	Total		963	31	
Commerce	Year 2	375		35	
	Year 3	85		15	
	Total		460	50	
Dentistry			40	7	
Education	B.Ed. (Sec)	360		15	(2)
	B.Ed. (Elem) 12 mth	216		36	
	B.Ed. (Elem) 2 yr	114		12	(2)
	NITEP	30			
	Total		720	63	
FNESC	Year 1	35		3	
	Year 2	45		5	
	Year 3	15			
	Total		95	8	
Forestry	BSF	65			
	BSc (Nat. Resource)	20			
	BSc Wood Prod.	20			
	Total		105	-	
Human Kin.	Year 1	65		8	
	Year 2	45		8	
	Year 3	60		8	
	Total		170	24	
Law			180	23	
Medicine			120	24	(3)
Rehab			70	8	
Music			250	-	
Nursing	Year 1	80		-	(4)
	Post RN	107		4	
	Total		187	4	
Pharm.	Year 1		140	4	
Science	Year 1	1,100		200	
	Year 2	250		50	
	Year 3	150		50	
	Total		1,500	300	
Social Wk			40	4	
Grand Total			7,425	1,013	

- (1) Total enrolment of 500 represents an increase of 9 students.
- (2) Allocation between programs is dependent on demand; this is an example.
- (3) Includes BMLS and Medical Residents with no Senate approved quotas.
- (4) Indicates last year's intake into PRN program, but is not an approved quota.

Appendix A

table 2: Full-Time Equivalent Students

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	Productivity increases
Undergraduate GENERAL PROGRAMS							
Arts: 1 st and 2 nd years	3305	3311	2901	2966	2875	3010	126
Upper years	3561	3708	3734	3574	3324	3258	137
Education: 1 st and 2 nd years	19	28	21	21	32	25	1
Upper years	2091	2152	1925	1891	1889	1896	79
Fine Arts	100	112	92	98	117	101	4
Family & Nutritional Sc	162	165	204	257	270	292	12
Music	259	270	263	253	261	251	11
Phys. Ed. & Recreation	620	623	572	586	533	570	24
Science: 1 st & 2 nd years	2487	2718	2528	2298	2378	2465	103
Upper years	1639	1728	1913	2205	2181	2065	87
Social Work	110	105	122	118	117	90	4
Unclass. & Senior Citizens	653	766	968	906	693	639	27
SUBTOTAL GENERAL PROGRAMS	15006	15686	15244	15174	14670	14661	614
PROFESSIONAL PROGRAMS							
Agricultural Sciences	282	340	373	414	440	449	19
Applied Sci (excl. Nursing)	1847	1962	1992	2072	2111	2098	88
Commerce	1311	1285	1290	1287	1273	1250	52
Forestry	237	251	283	365	371	469	20
Law	709	730	674	610	581	546	23
SUBTOTAL PROFESSIONAL PROGRAMS	4386	4568	4611	4748	4776	4813	202
HEALTH SCIENCE PROGRAMS							
Dentistry	155	153	155	164	158	157	7
Dental Residents	7	7	7	7	6	6	0
Dental Hygiene	0	0	0	0	6	6	0
Medicine	485	473	475	477	478	483	20
Medical Laboratory Science	39	45	41	50	48	46	2
Medical Residents	508	508	525	496	545	582	24
Subtotal Medicine	1032	1026	1041	1023	1071	1111	47
Nursing	484	514	529	568	540	460	19
Pharmaceutical Sciences	404	434	425	450	440	460	19
Pharmaceutical Residents	0	0	0	0	17	13	1
Rehabilitation Medicine	185	191	191	200	199	197	8
SUBTOTAL HEALTH SCIENCE PROGRAMS	2267	2325	2375	2412	2436	2411	101
Open Learning Agency	0	0	0	0	81	81	3
Total Undergraduate	21659	22579	22230	22334	21962	21965	920

Notes:

1. 5th year unclassified Education, included in upper years – Education
2. 1st & 2nd year Education includes only NITEP
3. Landscape Architecture included with Agricultural Sciences
4. Visitors included with program
5. Engineering FTE based on average normal load in prior years

Appendix A

table 3: Forecast Changes in Enrolment for 1996/97

	Flow-through changes	Headcount increased intake					Net total changes in FTEs	FTE Target
		Year 1	Year 2	Year 3	Other	Total		
Ag Sci	46	0	0	0		46	37.7	19
FNSC	18	3	5	0		26	21.6	12
Arts (B.A.)	(51)	250	100	120		419	362.0	263
BFA	-	0	0	0		-	0.0	4
Music	-	0	0	0		-	0.0	11
Social Work	-	4	0	0		4	3.8	4
Commerce	15	35	15	0		65	60.5	52
Dentistry	-	0	7	0		7	7.0	7
Education					70	70	80.0	80
Engineering	47	9	22	0		78	97.1	88 (1)
Forestry	60	0	0	0	23	83	73.9	20 (2)
H. Kinetics	10	8	8	8		34	30.6	24
Law	-	8	15	0		23	21.7	23
Medicine	-				24	24	24.0	47 (3)
Rehab	-	8	0	0		8	8.0	8
Pharm. Sci.	-	4	0	0		4	4.0	20
Nursing	(53)	0	0	4		(49)	- 44.0	19
Science	64	200	50	50		364	327.6	190
Unclassified	-	0	0	0		-	0.0	30
Total	156	529	222	182	117	1206	1115.5	921

- (1) Includes FTE from co-op program credits
 (2) Includes diploma program increase of 23 FTE
 (3) Includes MD students returning from LOA

APPENDIX B

COURSE AND CURRICULUM PROPOSALS

Faculty of Applied Science

Change in Faculty of Applied Science Calendar Statement - replace MATH 254 with APSC 201, and under Admission from Science change CPSC 111 to CPSC 122

BIO-RESOURCE ENGINEERING

Program change

CHEMICAL ENGINEERING

Program changes

CIVIL ENGINEERING

Program change

ELECTRICAL ENGINEERING

Deletion ELEC 351

Program changes

ENGINEERING PHYSICS

Program change

GEOLOGICAL ENGINEERING

Program changes

METALS AND MATERIALS ENGINEERING

Change MMAT 394 - change in hours and credits, now (3)
 MMAT 458 - change in title, hours, prerequisite, credits, now (3)

MINING AND MINERAL PROCESS ENGINEERING

Program change

Faculty of Forestry

NATURAL RESOURCES CONSERVATION

Changes to the B.Sc. (Natural Resources Conservation) Program

New Course CONS 451 (15) Integrated Field School

Changes CONS 440, 481, FRST 486 - change in description

Faculty of Graduate Studies

CHEMICAL ENGINEERING

- | | |
|------------|---|
| New Course | CHML 567 (2-4)d System Identification and Adaptive Control |
| Change | CHML 565 - change in title, description and credits, now (2-4)d |

CIVIL ENGINEERING

- | | |
|------------|--|
| New Course | CIVL 525 (3) Developing Computer Application for Civil Engineering |
| Change | CIVL 566 - change in description, title and credits, now (2) |
| Deletions | CIVL 509, 548, 561, 578, 587, 588 |

CURRICULUM STUDIES

- | | |
|---------------------------|--|
| Change in Calendar entry: | Curriculum Studies
The Department offers a Ph.D. in Curriculum Studies |
|---------------------------|--|

EDUCATIONAL PSYCHOLOGY AND SPECIAL EDUCATION

- | | |
|-------------|--|
| New Courses | EPSE 591 (3) Theory and Practice of Program Evaluation
EPSE 593 (3) Design and Analysis of Research with Small Samples and Single Subjects
EPSE 594 (3) Meta-Analysis: Quantitative Research Synthesis |
| Change | EPSE 601 - change in credits, now (3/6)c |

ELECTRICAL ENGINEERING

- | | |
|---------|--|
| Changes | ELEC 550, 570, 576, 581, 582, 589 - change in credits, now (3) |
|---------|--|

GEOLOGICAL SCIENCES

- | | |
|-----------|-----------------------------------|
| Deletions | GEOL 510, 512, 516, 531, 551, 593 |
|-----------|-----------------------------------|

GERMANIC STUDIES

- | | |
|------------|--|
| New Course | GERM 506 (3/6)d Intercultural Competence and Second Language Acquisition |
|------------|--|

HEALTH CARE AND EPIDEMIOLOGY

M.H.A. degree - change to Calendar statement:

The Graduate Program in Health Administration is designed to provide the educational and professional foundations that are necessary for those aspiring to management and leadership positions in the health care field. The 15-month program emphasizes analytical thinking through generic curriculum rather than through narrow areas of subspecialization. A comprehensive exam tests analytic abilities. Flexibility is provided for students who wish to pursue individual interests through elective course work, a clerkship project, a management project, and an essay. A thesis is not required. Late afternoon-early evening course scheduling permits a part-time approach which many students prefer and need. A Master of Health Administration (M.H.A.) degree is awarded after successful completion of 30 credits of course work and other requirements.

New course HCEP 528 (3) Demographic Principles and Methods in Health

Changes HCEP 517, 599 - change in credits, now (3)

HISTORY

Changes HIST 547, 548 - change in credits, now (3/6)d

Deletion HIST 584

New Courses HIST 550 (3) Readings in Early Modern European History
 HIST 551 (3-12)d Topics in Early Modern European History
 HIST 552 (3) Seminar in Early Modern European History
 HIST 568 (3) Readings in Early Modern Japanese and World
 History
 HIST 587 (3-12)d Topics in Economic History
 HIST 588 (3-12)d Topics in Social History

LANDSCAPE ARCHITECTURE

New Graduate Program - Master of Landscape Architecture

Changes LARC 510 - change in credits, now (2-9)
 LARC 599 - change in title, now Research Thesis - Open only to
 MASLA candidates

Deletions LARC 199, 205, 206, 220, 221, 251, 254, 305, 306, 320, 340, 351,
 355, 405, 420, 430, 431, 440, 451, 454, 499

- New Courses
- LARC 421 (3) Introduction to Landscape Architecture: Landscape Architecture Nature and Society [replaces LARC 221]
 - LARC 422 (3) Landscape Architectural History [replaces LARC 220]
 - LARC 501 (9) Design Studio 1: Introduction - Restricted to MLA students
 - LARC 502 (9) Design Studio 2: Design Methods
 - LARC 503 (9) Design Studio 3: Urban and Sustainability Workshops
 - LARC 504 (9) Design Studio 4: Urban and Regional Public Realms
 - LARC 505 (9) Design Studio 5: Patterns, Policies and Types
 - LARC 511 (1) Introductory Workshop [replaces LARC 199]
 - LARC 520 (3) Theories in Experience and Place
 - LARC 521 (3) Design Methods and Theories [replaces LARC 320]
 - LARC 525 (3) Design-Research Methods in Landscape Architecture
 - LARC 531 (3) Introduction to Landscape Technology [replaces LARC 251]
 - LARC 532 (3) Structures and Materials [replaces LARC 351]
 - LARC 533 (3) Advanced Landscape Technology [replaces LARC 451]
 - LARC 535 (3) Introduction to Computers in Landscape Architecture [replaces LARC 355]
 - LARC 541 (3) Landscape Planning and Management [replaces LARC 440]
 - LARC 542 (3) Visual Resource Management Theories (Same as FRST 490) [replaces LARC 340]
 - LARC 551 (1) Professional Practice 1 [replaces LARC 254]
 - LARC 552 (3) Professional Practice 2 [replaces LARC 454]
 - LARC 580 (2-6) Directed Studies in Design Analysis, Programming, and Theory
 - LARC 581 (2-6) Directed Studies in Landscape Planning and Sustainability
 - LARC 582 (1-3) Special Topics Seminar
 - LARC 598 (9) Design Thesis - Open only to MLA candidates

LANGUAGE EDUCATION

- Changes
- LANE 534 - change in credits
 - EADM 561 - change in prerequisite

Change in Calendar entry: **Language Education**
The Department offers a Ph.D. in Language Education

LIBRARY, ARCHIVAL AND INFORMATION STUDIES

- New course ARST 596 (3) Professional Experience
- Changes ARST 598, LIBR 598 - change in title and assignment of 3 credits
LIBR 539, 542, 579 - change in credits, now (3-9)d
- Change in program requirements

MECHANICAL ENGINEERING

- New Course MECH 698 (3) Seminar
- Change MECH 598 - change in description

MINING AND MINERAL PROCESS ENGINEERING

- New Courses MMPE 574 (3) Mining Environment Case Studies
MMPE 581 (3) Environmental Technologies and Issues in Mining
- Change MMPE 580 - change in credits from (2) to (3)
MMPE 551, 598, 698 - change in description
- Deletion MMPE 592

PHARMACOLOGY AND THERAPEUTICS

- New Course PCTH 514 Seminar in Pharmacology or Therapeutics

PHYSICS

- Change PHYS 555 - change in credits, now (1-6)c

SOCIOLOGY

- Changes SOCI 504 - split into two courses:
SOCI 502 Research Design and Techniques - Quantitative; and
SOCI 503 Research Design and Techniques - Qualitative
SOCI 501 now 500, old 502 now 501, 503 now 504
- New Courses SOCI 507 (3/6)d Advanced Theory Seminar
SOCI 508 (3/6)d Advanced Methods Seminar
SOCI 512 (3/6)d Feminist Studies and Sociology of Gender

APPENDIX B

STATISTICS

New	STAT 518 (3) Theoretical Statistics. STAT 536 (3) Statistical Theory for the Design and Analysis of Clinical Studies STAT 537 (3) Linear Models
Changes	STAT 534 - change in title, description and prerequisite STAT 550 - change in prerequisite
Deletion	STAT 519

THEATRE

New	THTR 507 (3) Scenery Design Studio II THTR 508 (3) Costume Design Studio II THTR 551 (3) Lighting Design I
Changes	THTR 505, 506 - change in credits, now (3)

School of Nursing

Changes	NURS 105 - change in credits, now (3) NURS 445 - addition of a credit value of (3)
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EDITORIAL CHANGES

Summary of Editorial changes, Term 2. April 30 1996

DEPT	Course	Calendar page	Change
AAHE	508		deletion of redundant number
AAHE	531		deletion of redundant number
AAHE	532		deletion of redundant number
AAHE	565		deletion of redundant number
AAHE	601		deletion of redundant number
AAHE	602		deletion of redundant number
AGEC	407		prerequisite
AGEC	411		prerequisite
AGEC	420		prerequisite
AGSC		60 b	correction of fee statement
AGSC		93 a	new statement of application fee
AGSC		60 b	AGSC 301 field trip fee
AGSC		60 b	AGSC 300 field trip fee increase
ANTH		143b	change to fit new hons B.A..
ANTH		121c	brings entry into line with new req.
ANTH		121c	deletion of ANTH 333 from prog.
ANTH		122a	changes credits of animal biology program electives. To reflect current courses.
ANTH		121c	change to fit new B.A. regs.

APPENDIX B

ANTH	121a	change program to fit current courses.
ANTH	121c	change program to fit current courses
ANTH	255c	supplement to prev. change form
ANTH	220	change in title and description
ANTH	221	change in title and description
ANTH	301	delete, replaced by ANTH 222
ANTH	310	delete - no longer offered.
ANTH	329	change in title descr and credits
ANTH	333	delete - no longer offered
ANTH	401	change in title, descr. and credits
ASIA	125a	new paragraph - entry requirements
ASIA	522	title
ATSC	200	title
ATSC	300	title, description
BAMS	510	title
BATL	p. not listed in Grad. St. section.	Change in administrative responsibility for Centre from Commerce to Graduate Studies
BATL	510	title
BATL	580	title
CLST		change in department name
CLST	98 b	list of courses
CLST	84 b	List b, list of courses
CLST	83 b,c	List of courses
CLST	102 b	List of courses
CLST	303	number
EDUC	222 b	clarification of credit requirements
EDUC	234 a	clarification of promotion requirement
ENGL	394	description
EPSE	235 c	clarification of admission requirement
FNAR	237 b	clarification of program requirement
FOPR	363	prerequisite
FRST	207 b	addition of footnote
FRST	205 b c	changes to footnotes
FRST	231	title, description
FRST	486	description, prerequisite
GEOG	132 c	deletion of redundant phrase
GEOG	133 a	change in list of courses
GEOG	425 a	change in list of courses
GEOG	290	change vector
GEOL	235	prerequisite
HIST	426	description
HIST	501	change number, title, credits
HIST	505	change number
HIST	506	change number, title, credits
HIST	510	change number
HIST	511	change number, title, credits
HIST	516	change number, title, credits
HIST	520	change number
HIST	521	change number, title, credits
HIST	525	change number
HIST	526	change number, title, credits
HIST	530	change number
HIST	531	change number, title, credits
HIST	533	change number
HIST	535	change number
HIST	536	change number, title, credits
HIST	538	change number
HIST	540	change number
HIST	541	change number, title, credits
HIST	543	change number
HIST	550	change number
HIST	553	change number
HIST	555	change number
HIST	555	change number, title, credits
HIST	558	change number
HIST	560	change number

APPENDIX B

HIST	562		change number
HIST	562		change number, title, credits
HIST	564		change number
HIST	567		change number
HIST	567		change number, title, credits
HIST	570		change number
HIST	574		change number
HIST	574		change number, title, credits
HIST	575		change number
HIST	576		change number, title, credits
HIST	577		change number, title, credits
HIST	578		change number
HIST	578		change number, title, credits
HIST	580		change number, title, credits
HIST	581		change number, title, credits
HIST	582		change number
HIST	587		change number, title, credits
HIST	589		change number
HIST	590		change number, title, credits
HIST	593		change number, title, credits
HIST	595		change number
HIST	596		change number, title, credits
HKIN		261 a	
HKIN		263 a	
HKIN		262 b	
HKIN	110		title, description
HKIN	200		number, title, description
HKIN	362		description
HKIN	364		prerequisite
HKIN	367		description
HKIN	368		prerequisite
HKIN	371		prerequisite
HKIN	481		prerequisite
ITAL	548		credits, title
LAST		136 c	change to course list
LAST		136 c	change to course list
LATN	411		prerequisite
LATN	411		prerequisite
LATN	411		prerequisite
LATN	412		prerequisite
LATN	413		prerequisite
LATN	414		prerequisite
LATN	416		prerequisite
LATN	417		prerequisite
LATN	418		prerequisite
LATN	419		prerequisite
LATN	420		prerequisite
LATN	421		prerequisite
LATN	425		hours
LATN	425		prerequisite
LIBR	510	445a	change title and description
LING		137a	delete ENGL 329 acceptability for linguistics credit
LING		137b	typographical error
LING		137b	change in course numbers.
LING		137b	change in course numbers
LING		137c	change in prerequisite
LING		137ab	Adjustment of program statement to fit current courses and prerequisites
LING	200	445c	split 6cr course into 2 3 cr. courses
LING	201	445c	split 6cr course into 2 3 cr. courses
LING	300	445c	change in numbering of prerequisite
LING	310	445c	change in prerequisite
LING	350	446a	change in prerequisite
LING	400	446a	change in numbering of prerequisite
LING	405	446a	change in prerequisite
LING	415	446a	change in prerequisite
LING	420	446a	change in description
LING	433	446a	change in vector

APPENDIX B

LING	434	446a	change in vector
LING	100,101		cut 6 cr course into two 3 cr. courses
LSAR		15 a	correction of error in superscript
MICB	398		description
MICB	402		description
MICB	499		description
PATH	542		description, cross-listing
PATH	582		cross-listing with PHAR 582
PATH	583		cross-listing with PHAR 583
PHAR	402		delete corequisite
PHAR	403		delete corequisite, vector
PHAR	412		delete inactive course
PHAR	582		cross-list with PATH 582, vector
PHAR	583		cross-list with PATH 583, vector
PHIL	210		number, credits
PHIL	551		credits
PHIL	560		credits
PHYS	250		description, prerequisite
PHYS	251		description, prerequisite
PHYS	270		vector
PHYS	351		description
PHYS	352		prerequisite
PHYS	454		description
PHYS	455		description
PHYS	458		description
PHYS	474		description
PLNT		91bc	rewrite of program description
PLNT		91c, 92a	rewrite of entomology offerings
PLNT		472 c	prerequisite
PLNT	404		prerequisite
PLNT	498		description and prerequisite
PLNT	499		description
PLNT	538		description
PSYC		141bc	clarification of credit requirements
PSYC	545	478a	change in credits allowed
PSYC	549	478a	change in credits allowed
PSYC	586	478a	change in credits allowed
PSYC	587	478a	change in credits allowed
RHSC		319b	clarification of prior requirement
RHSC		319a	delete redundant sentence
RHSC		319c	clarification of requirement
RHSC	202		vector
RHSC	205		vector
RHSC	302		vector
RHSC	311		vector
RHSC	402		vector
RHSC	408		vector
RHSC	420		vector
RSOT	322		vector
RSOT	323		vector
RSOT	418		vector
RSOT	424		vector
RSOT	425		vector
RSOT	434		vector
RSOT	436		vector
RSPT	203		vector
RSPT	206		vector
RSPT	208		vector
RSPT	230		deletion of description
RSPT	304		vector
RSPT	308		vector
RSPT	330		deletion of description
RSPT	411		vector
RSPT	413		vector
RSPT	419		vector
RSPT	430		deletion of description
RSPT	441		vector
RSPT	442		vector

RSPT	443		vector
RSPT	445		vector
RUSS	101	481b	change description
RUSS	411	481c	change title and description
SOCI	501		change in number
SOCI	502		change in number
SOCI	503		change in number
SOCI	503		change in numbering of prerequisite
SOCI	504		change in number
SOCI	506		change in numbering of prerequisite
SOCI	507		change in numbering of prerequisite
SOCI	508		change in numbering of prerequisite
SOIL	525		delete inactive course
SOWK	315		change units
SOWK	530	482b	delete description
SOWK	540	482b	delete course
SOWK	541	482	delete description and prerequisite
SOWK	542	482	delete description and prerequisite
SOWK	543	482	delete description and prerequisite
SOWK	544	482	delete description and prerequisite
SOWK	545	482	delete description and prerequisite
SOWK	546	482b	delete description
SOWK	548	482c	change title
SOWK	551	482c	change title, delete description
SOWK	552	482c	change title, delete description
SOWK	553	482c	delete description, change prereq.
SOWK	554	482c	delete description, change prereq
SOWK	555	482c	delete prerequisite
SOWK	556	482c	delete prerequisite
SOWK	557	482c	delete prerequisite
SOWK	560	482c	change units, delete description
SOWK	571	482c	delete description
SOWK	572	482c	delete description
SOWK	573	482c	delete description
SOWK	574	482c	delete course
STAT		347 c	change in course numbers
STAT	519		prerequisite
STAT	530		prerequisite
STAT	532		prerequisite
STAT	533		prerequisite
STAT	538		prerequisite
STAT	546		prerequisite
THTR	250		corequisite
THTR	251		corequisite
UKRN	325	490a	change number
UKRN	425	490a	change number

APPENDIX C

NEW AWARDS RECOMMENDED TO SENATE

Barbara ALLAN Scholarship in Medicine - Scholarships to a total of \$6,000 have been endowed through a bequest from Enid Mae Dearing. The scholarships are awarded to graduate students in Medicine studying neurology and are made on the recommendation of the Faculty of Medicine in consultation with the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Douglas and Jean BAILEY Scholarship - Scholarships to a total of \$17,600, endowed from the estate of Jean Bailey, alternate between Medicine and Pharmacy beginning with Pharmacy in 1996. The awards are made on the recommendation of the appropriate Faculty and in the case of a graduate student, in consultation with the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Pierre BERTHIER Education Abroad Scholarship - Scholarships totalling \$21,000 have been endowed in honour of Pierre Berthier. The awards are offered to students participating in Education Abroad Programs and are made on the recommendation of the Education Abroad Program Advisory Committee in consultation with the Director of the Office of Awards and Financial Aid. (Available 1996/97 Winter Session)

Normand M. BOUCHARD Memorial Scholarship in Film - A \$2,500 scholarship has been established in memory of Normand M. Bouchard by his parents. The award is offered to a student in film pursuing a B.A. degree or a Diploma in Film Studies, and will be made on the recommendation of the Department of Theatre and Film. (Available 1996/97 Winter Session.)

BROWN Bros. Ford Award in Athletics - One or more awards of \$1,500 each are endowed by Brown Bros. Ford and the Province of British Columbia. The awards are offered to students in good academic standing with outstanding athletic abilities and are made on the recommendation of the President's Athletic Awards Committee. (Available 1996/97 Winter Session.)

BROWN Bros. Ford Scholarship in Athletics - One or more awards of \$1,500 each are endowed by Brown Bros. Ford and the Province of British Columbia. The awards are offered to students having outstanding academic and athletic abilities and are made on the recommendation of the President's Athletic Awards Committee. (Available 1996/97 Winter Session)

Mary A. BRYANT Scholarship in Education - A \$1,000 scholarship has been endowed by Mary A. Bryant. The award is offered to a student entering the Faculty of Education's Secondary Teaching program who has obtained a degree majoring in Biology. Preference may be given to students who have obtained an Honours degree in Biology. The award is made on the recommendation of the Faculty of Education. (\$300 Currently Available: \$1,000 Available 1997/98 Winter Session)

Joe DELLASAVIA Memorial Prize in Engineering - A \$350 prize has been endowed in memory of Joe Dellasavia by friends and colleagues. The award is offered to an undergraduate student in the computer engineering option in Electrical Engineering and is made on the recommendation of the Electrical Engineering department. (\$275 Available 1995/96 Winter Session.)

Adam and Elizabeth Ann DUNDAS Bursary - Bursaries to a total of \$4,900 have been endowed through a bequest from Elizabeth Ann Dundas. The awards are offered to students in any year and program of study. (Available 1996/97 Winter Session)

FACULTY Women's Club Violet Eagles Bursary - A \$500 bursary has been endowed through the bequest of Violet Eagles, Ph.D (University of Toronto), supplemented by donations from the Faculty Women's Club. It recognizes Violet Eagles' contribution as past president and longtime member of the Faculty Women's Club, her teaching contribution to the Faculty of Agriculture, and her outstanding personal qualities. The award is offered to a female graduate student in the Faculty of Agricultural Sciences. (Available 1996/97 Winter Session.)

John GAITANAKIS Prize in Architecture - A \$300 prize has been endowed by Professor John Gaitanakis in the area of sustainable development. The award is offered to a student in the Master of Architecture program (M. Arch.) for achievement of a design project emphasizing ecological consideration in the urban environment. The award is made on the recommendation of the School of Architecture in consultation with the Faculty of Graduate Studies. (\$175 Available 1995/96 Winter Session.)

Marianne HUYER Memorial Prize - A \$500 prize has been endowed in memory of Marianne Huyer by Dr. Michael Smith. The award is offered to a graduate student for the best Ph.D. thesis submitted to the Department of Biochemistry and Molecular Biology. The award is made on the recommendation of the department in consultation with the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Cheryl KINTON Memorial Award - An award of \$500 has been endowed by friends, family, and members of the 1993-1994 UBC Women's Basketball Team in memory of Cheryl Kinton in recognition of her contribution to the University and the community in the sport of Basketball. The award is offered to a member of the UBC Women's Basketball Team in good academic standing who exhibits high standards of leadership. Preference may be given to a B.C. resident who has come from a community outside the Lower Mainland. The award is made on the recommendation of the President's Athletic Awards Committee in consultation with the Head Women's Basketball Coach. (\$225 Available 1995/96 Winter Session.)

Gertrude LANGRIDGE Graduate Scholarship in Humanities - A scholarship of \$5,300 has been endowed through the bequest of Gertrude Langridge. The award is offered to a graduate student in any field of Humanities and is made on the recommendation of the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Gertrude LANGRIDGE Graduate Scholarship in Medical Sciences - A scholarship of \$5,300 has been endowed through the bequest of Gertrude Langridge. The award is offered to a graduate student in any field of Medical Sciences and is made on the recommendation of the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Jean MACDONALD Graduate Fellowships - Fellowships totalling \$27,000 have been endowed through a bequest from Flora A. Musgrave (B.A.'26). The awards are offered to graduate students in any field of study and are made on the recommendation of the Faculty of Graduate Studies. (Partial Funding Available 1996/97 Winter Session)

John Alexander MCDONALD Scholarship in Humanities - Scholarships to a total of \$45,000 have been endowed through a bequest from John Alexander McDonald, Associate Professor Emeritus of Spanish (1974). The awards are offered to fourth year undergraduate students taking a combined Major or Honours program in two Humanities fields. Preference may be given to students in Hispanic and Italian Studies, English, French, Classics, Philosophy, or Fine Arts. The awards will be made on the recommendation of the respective departments in consultation with the Dean, Faculty of Arts. (Partial Funding Available 1996/97 Winter Session)

Kathleen McANULTY Memorial Prize in Graduate Periodontics - A \$1,000 prize has been established in memory of Dr. Kathleen McAnulty by her husband, Loc Nguyen. The award is offered to a student in Graduate Periodontics on the recommendation of the director of the program, in consultation with the Faculty of Graduate Studies. (Available 1995/96 Winter Session)

Douglas MORELLI Memorial Prize in Marketing - A \$1,500 prize has been established by Architel Systems Corporation in memory of Douglas Morelli. The award is offered to a graduating student excelling in marketing, and is made on the recommendation of the Faculty of Commerce. (Available 1995/96 Winter Session)

Flora S. MUSGRAVE Scholarship in Nursing - Scholarships totalling \$13,500 have been endowed through a bequest from Flora A. Musgrave (B.A.'26) and are offered to students in Nursing. The awards are made on the recommendation of the School of Nursing and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

OYEN Wiggs Green & Mutala Prize in Intellectual Property - A \$500 prize, the gift of Oyen Wiggs Green & Mutala, is offered to a law student who achieves high academic standing in the course in Intellectual Property. The award is made on the recommendation of the Faculty of Law. (Available 1995/96 Winter Session)

William John SPLAN Scholarship in Forestry - Scholarships to a total of \$17,500 have been endowed through a bequest from Ardath Frances Splan. The awards are offered to third or fourth year undergraduate students in the Forest Science or Forest Resources Management program in the Faculty of Forestry. The awards are made on the recommendation of the Faculty of Forestry. (Available 1996/97 Winter Session)

Roy STOKES Medal in Archival Studies - This medal is offered to the graduating student in the Master of Archival Studies Program whose record, in the opinion of the School, is most outstanding. The medal honours Roy Stokes, second director of the School of Library, Archival and Information Studies. (Available 1995/96 Winter Session.)

Florence and Lynn SULLY Scholarship in Athletics - One or more awards of \$1,500 each are endowed by Florence and Lynn Sully. The awards are offered to students having outstanding academic and athletic abilities and are made on the recommendation of the President's Athletic Awards Committee. (Available 1996/97 Winter Session.)

VANCOUVER Geotechnical Society Scholarship - A \$1,000 scholarship has been endowed by the Vancouver Geotechnical Society. The award is offered to an incoming M.Eng. or M.A.Sc. student in geotechnical engineering on the basis of excellence in the last two years of an undergraduate curriculum. The award is offered to a student in the department of Civil or Geological Engineering, and is made on the recommendation of the respective department in consultation with the Faculty of Graduate Studies. (Available 1996/97 Winter Session)

Esme MacCulloch WILLING Bursary - Bursaries to a total of \$4,700 have been endowed through a bequest from Esme MacCulloch Willing. The awards are offered to students in any year and program of study. (Available 1996/97 Winter Session)

John WORRALL Alumni Bursary in Forestry - Bursaries to a total of \$1,200 have been endowed in recognition of the teaching contribution of Dr. John Worrall in the Faculty of Forestry. The award, initiated by the 1970-1990 forestry alumni, is offered to students entering first year Forestry. (Available 1996/97 Winter Session.)

COMMITTEE ON STUDENT AWARDS - APPENDIX TO ANNUAL REPORT

Award Number	Name of Award	Endowed/ Annual	Amount of Award	Designated Faculty
FACULTY OF AGRICULTURAL SCIENCES				
4819	Leonard S. KLINCK Memorial Fellowship	Endowed	\$8,000	Agricultural Sciences/Graduate Studies
2521	Shuryo NAKAI Scholarship in Food Science	Endowed	\$460	Agricultural Sciences (Food Science)/Graduate Studies
4832	W. D. POWRIE Scholarship in Food Science	Endowed	\$385	Agricultural Sciences (Food Science)/Graduate Studies
778	Brian K. de P. CHANCE Memorial Scholarship in Animal Science	Endowed	\$1,250	Agricultural Sciences (Animal Science)
779	MASUNO Travel Award	Endowed	\$2,400	Agricultural Sciences (Landscape Architecture)
777	B.C. Forage Council Prize	Annual	\$500	Agricultural Sciences/Graduate Studies
8188	Catherine BERRIS Associates Inc. Bursary	Annual	\$500	Agricultural Sciences (Landscape Architecture)
4848	Mary and David MACAREE Fellowship	Annual	\$15,000	Agricultural Sciences or Forestry/Graduate Studies
5105	James and Mildred OLDFIELD OSU-UBC Student Exchange Scholarship	Annual	\$500	Agricultural Sciences
780	James ROSE Prize in Landscape Architecture	Annual	\$300	Agricultural Sciences/Graduate Studies
**	FACULTY Women's Club Violet Eagles Bursary	Endowed	\$500	Agricultural Sciences
	Faculty Total		\$29,795	
FACULTY OF APPLIED SCIENCE				
2257	ROGERS Communication Scholarship	Endowed	\$2,100	Applied Science
4807	RIO Algom Scholarship	Endowed	\$2,400	Applied Science (Mining & Mineral Process Engineering or Geological Sciences)
8173	Lilly SCHAJER Memorial Bursary	Endowed	\$330	Applied Science (Mechanical Engineering)
4807	RIO Algom Scholarship	Endowed	\$2,400	Applied Science/Science, alternating (Mining & Mineral Processing Engineering & Geological Sciences)
2258	UMA Group Ltd. Scholarship in Engineering	Endowed	\$1,500	Applied Science/Graduate Studies
2260	FORTY-FIRST Canadian Chemical Engineering Conference Scholarship	Endowed	\$3,000	Applied Science (Chemical Engineering)
2261	Ernest PETERS Prize	Endowed	\$1,000	Applied Science (Metals and Materials Engineering)
2263	Ken STRAUSS Memorial Scholarship in Civil Engineering	Endowed	\$1,200	Applied Science/Graduate Studies
2264	J. D. HETHERINGTON Memorial Bursary	Endowed	\$1,500	Applied Science or Forestry
8177	Jack B. MITCHELL Memorial Bursary in Mining and Mineral Process Engineering	Endowed	\$2,500	Applied Science (Mining and Mineral Process Engineering)
7302	WRIGHT Parry Taylor & Fuller Engineering Ltd. Bursary	Annual	\$500	Applied Science (Civil Engineering)
2262	GLENAYRE Scholarship in Electrical Engineering	Annual	\$1,500	Applied Science (Electrical Engineering)
**	Joe DELLASAVIA Memorial Prize in Engineering	Endowed	\$350	Applied Science (Electrical Engineering)
**	John GAITANAKIS Prize in Architecture	Endowed	\$300	Applied Science (Architecture/Graduate Studies)
**	Flora S. MUSGRAVE Scholarship in Nursing	Endowed	\$13,500	Applied Science (Nursing/Graduate Studies)
**	VANCOUVER Geotechnical Society Scholarship	Endowed	\$1,000	Applied Science (Civil or Geological Engineering/Graduate Studies)
	Faculty Total		\$35,080	
FACULTY OF ARTS				
1277	Earle BIRNEY Scholarship in Creative Writing	Endowed	\$2,000	Arts (Creative Writing)
1278	Paul S. PLANT Memorial Scholarship in Canadian Studies	Endowed/Annual Gift	\$1,500	Arts (Canadian Studies)
3344	Wallace BERRY Memorial Prize in Music Theory	Endowed	\$550	Arts(Music)/Graduate Studies
4828	Benjamin John EDINGER Memorial Prize in French Literature	Endowed	\$750	Arts (French)/Graduate Studies
1279	Ann MUNTUN Memorial Scholarship in English	Endowed	\$300	Arts (English)
1285	Carol COATES Literary Prize	Endowed	\$300	Arts (English)/Graduate Studies
1280	Fritz LEHMANN Memorial Prize in History	Endowed	\$450	Arts (History)
1281	LIU Lin Ping Memorial Scholarship	Endowed	\$1,800	Arts (International Relations,Anthropology or Geography)
1282	Belle MULHOLLAND Memorial Prize in Religious Studies	Endowed	\$300	Arts (Religious Studies)
4844	Mairi Grant CAMPBELL Fellowship in English Literature	Endowed	\$18,000	Arts (English Literature)/Graduate Studies
8191	CHIEN'S Cultural Foundation Bursary	Endowed	\$660	Arts (Political Science or Economics)
1284	Gilean DOUGLAS Scholarship in English	Endowed	\$12,800	Arts (English)/Graduate Studies

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8193	Joan FLYNN Memorial Bursary in Social Work	Endowed	\$350	Arts (Social Work)
1283	CANADIAN Society for Asian Arts Prize	Annual	\$500	Arts (Fine Arts)
4837	GOEL Prize in Political Science	Annual	\$300	Arts (Political Science)
3345	Marion McCarroll AMES Memorial Prize in Music	Annual	\$300	Arts (Music)
4827	ART History Travel Research Scholarship	Annual	\$6,000	Arts (Fine Arts)/Graduate Studies
**	Normand M. BOUCHARD Memorial Scholarship in Film	Annual	\$2,500	Arts (Film)
**	John Alexander MCDONALD Scholarship in Humanities	Endowed	\$45,000	Arts (Hispanic and Italian Studies, English, French, Classics, Philosophy, Fine Arts)
**	Roy STOKES Medal in Archival Studies	Annual		Arts (Library, Archival and Information Studies)
	Faculty Total		\$94,360	
FACULTY OF COMMERCE & BUSINESS ADMINISTRATION				
1619	Abtar BERAR Prize in Finance	Endowed	\$300	Commerce & Business Administration/Graduate Studies
8182	ODLUM Brown Limited Bursary in Commerce	Endowed	\$2,250	Commerce & Business Administration (Study Abroad & Exchange Program)
7300	BRITISH Columbia Bond Dealers Association Bursary	Endowed	\$300	Commerce & Business Administration
4825	CGA Education Foundation Doctoral Fellowship	Annual	\$8,000	Commerce & Business Administration/Graduate Studies
1620	KPMG Peat Marwick Thorne First Nations Award	Annual	\$2,000	Commerce & Business Administration/First Nations House of Learning/Graduate Studies
1621	P. Dermot MURPHY Scholarship in Urban Land Economics	Annual	\$2,000	Commerce & Business Administration (Urban Land Economics)
**	Douglas MORELLI Memorial Prize in Marketing	Annual	\$1,500	Commerce & Business Administration (Marketing)
	Faculty Total		\$16,350	
FACULTY OF DENTISTRY				
1776	BEAVERS Dental Bill Scott Prize	Endowed	\$300	Dentistry
1775	CU&C Health Services Society Scholarship	Annual	\$1,000	Dentistry
175	B.C. Dental Hygienists Association Gold Medal	Annual		Dentistry (Dental Hygiene)
8197	FINE Arts Dental Laboratories Ltd. Bursary (2 @ \$500)	Annual	\$1,000	Dentistry
1777	FINE Arts Dental Laboratories Ltd. Prize in Prosthodontics (2 @ \$500)	Annual	\$1,000	Dentistry
**	Kathleen MCANULTY Memorial Prize in Graduate Periodontics	Annual	\$1,000	Periodontics/Graduate Studies
	Faculty Total		\$4,300	
FACULTY OF EDUCATION				
8180	Albert LAITHWAITE Memorial Bursary	Endowed	\$450	Education (Human Kinetics)/Graduate Studies
4835	Jay WADSWORTH Memorial Scholarship in Special Education	Endowed	\$300	Education (Educational Psychology and Special Education)/Graduate Studies
3928	Peter Andrew MARRON Memorial Award	Endowed	\$1,000	Education (Human Kinetics)
8190	CANADIAN Yugoslav Community Association Bursary	Endowed	\$600	Education
1966	Marilyn HUNNINGS Memorial Scholarship in Education	Endowed	\$9,400	Education
4851	Patricia DYER Memorial Award in Education	Endowed	\$500	Education/Graduate Studies
8198	Hilda Ellen Silver KARST Memorial Bursary	Endowed	\$300	Education
4843	Bert E. WALES Bursary in Adult Education	Annual	\$1,000	Education
**	Mary A. BRYANT Scholarship in Education	Endowed	\$1,000	Education (Secondary Teaching program)
	Faculty Total		\$14,550	
FACULTY OF FORESTRY				
2356	Paul Robert STEINER Memorial Scholarship in Wood Science	Endowed	\$1,700	Forestry
4826	Edward W. BASSETT Memorial Scholarship in Reforestation	Endowed	\$3,000	Forestry/Graduate Studies
4830	Brenda HANSON Memorial Scholarship in Forestry	Endowed	\$1,000	Forestry/Graduate Studies
2355	William John SPLAN Scholarship in Forestry	Endowed	\$17,500	Forestry

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4849	NAMKOONG Family Fellowship in Forest Sciences	Endowed	\$10,000	Forestry/Graduate Studies
2349	ASSOCIATION of B.C. Professional Foresters Norman B. Crist Memorial Prize	Annual	\$750	Forestry
2350	ASSOCIATION of B.C. Professional Foresters Scholarship	Annual	\$1,375	Forestry
2351	ASSOCIATION of B.C. Professional Foresters Scholarship for Technical School Graduates	Annual	\$1,375	Forestry
2352	BACKMAN Award in Natural Resources Conservation (2 @ \$1,000)	Annual	\$2,000	Forestry/Graduate Studies
2353	PACIFIC Regeneration Technologies Inc. Silviculture Scholarship	Annual	\$1,000	Forestry or Agricultural Sciences
4838	SOPRON Alumni Fellowship	Annual	\$13,500	Forestry/Graduate Studies
2354	Janet KETCHAM Scholarship	Annual	\$1,000	Forestry
2348	ASSOCIATION of B.C. Professional Foresters Graduating Prize	Annual	\$500	Forestry
**	William John SPLAN Scholarship in Forestry	Endowed	\$17,500	Forestry
**	John WORRALL Alumni Bursary in Forestry	Endowed	\$1,200	Forestry
	Faculty Total		\$73,400	
FACULTY OF GRADUATE STUDIES				
4820	DU PONT Canada Fellowship in Pulp and Paper	Endowed	\$1,800	Graduate Studies
4821	R. Howard WEBSTER Foundation Fellowships	Endowed	\$25,000	Graduate Studies
2922	Harold NAUGLER Memorial Prize	Endowed	\$350	Graduate Studies (School of Library, Archival and Information Studies)
4831	Michael and Sonja KOERNER First Nations Fellowship	Endowed	\$8,850	Graduate Studies/First Nations House of Learning
4833	SHAUGHNESSY Hospital Volunteer Society Fellowship in Health Care	Endowed	\$15,000	Faculty of Graduate Studies (Health Care)
4842	SCOTT Paper Graduate Fellowship	Endowed	\$14,400	Graduate Studies
8194	M. Dorothy MAWDSLEY Bursary	Endowed	\$19,800	Graduate Studies (Women Studies)
4852	FLETCHER Challenge Canada Limited Fellowship	Endowed	\$30,000	Graduate Studies
4834	ST. John's Fellowship	Annual	\$15,000	Graduate Studies
4847	GOEL Graduate Scholarship in Indian Studies	Annual	\$5,000	Graduate Studies
4850	AURORA Society Geoffrey Lane Nanson Scholarship	Annual	\$1,000	Graduate Studies
4829	GREEN College Fellowship	Annual (2 years)	\$15,000	Graduate Studies/Green College Admissions Committee
4846	William and Dorothy GILBERT Scholarship in Bio-Medical Sciences	Annual	\$2,000	Biotechnology Laboratory Graduate Student Awards Committee/Graduate Studies
**	Gertrude LANGRIDGE Graduate Scholarship in Humanities	Endowed	\$5,300	Graduate Studies (Humanities)
**	Gertrude LANGRIDGE Graduate Scholarship in Medical Sciences	Endowed	\$5,300	Graduate Studies (Medical Sciences)
**	Jean MACDONALD Graduate Fellowships	Endowed	\$27,000	Graduate Studies
	Faculty Total		\$190,800	
FACULTY OF LAW				
2872	FERRIS Ladner McColl Memorial Prize in Law (3 @ \$400)	Endowed	\$1,200	Law
2881	Stella Chuk Quon WONG Scholarship in Law	Endowed	\$1,800	Law
8192	Leonard Sr. M. DUMOULIN Q.C. Memorial Bursary in Law	Endowed	\$450	Law
4822	David L. VAUGHAN, Q.C. Memorial Scholarship	Endowed	\$800	Law/Graduate Studies
7764	LAW Foundation Bursary	Endowed	\$40,000	Law
2876	Boyd FERRIS Memorial Prize in Advocacy	Endowed	\$400	Law
2877	Hugh LADNER Memorial Prize in Labour Relations	Endowed	\$400	Law
2878	Bruce MCCOLL Memorial Prize in Alternate Dispute Resolution	Endowed	\$400	Law
2879	LAW Foundation First Nations Award	Endowed	\$10,000	Law
2867	Andrew THOMPSON Prize in Legal Institutions of Canadian Government	Annual	\$1,000	Law
2880	MCRAE Holmes & King Prize in International Taxation	Annual	\$750	Law

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2873	MCCARTHY Tetrault Prize in Torts	Annual	\$750	Law
2874	OSGOODE Society Legal History Prize (2 books)	Annual		Law
**	OYEN Wiggs Green & Mutala Prize in Intellectual Property	Annual	\$500	Law
	Faculty Total		\$58,450	
FACULTY OF MEDICINE				
3294	Dr. Jay C. CHENG Memorial Medical Education Foundation Prize	Endowed	\$700	Medicine (Psychiatry)
8181	Sheri MESCANIUK Memorial Bursary in Psychiatry	Endowed	\$700	Medicine (Psychiatry)
8185	Zoeann Rea ARMSTRONG Memorial Bursary	Endowed	\$300	Medicine (Cardiology)
4836	WAH-SHEUNG Prize in Physiology (2 @ \$600)	Endowed	\$1,200	Medicine (Physiology)/Graduate Studies
3295	Peter ARMANIOUS Memorial Prize	Endowed	\$300	Medicine (Post-Graduate Education Committee in Cardiology)
8201	RIX Bursary in Medicine	Endowed	\$600	Medicine
8182	Chung Nin LAM Memorial Bursary in Medicine	Endowed	\$5,700	Medicine
3298	Victoria Herman VAN DINE Scholarship in Medicine	Endowed	\$6,600	Medicine
5600	Margaret HO Scholarships in Medicine	Endowed	\$1,800	Medicine
5601	Cynthia J. HORNER Memorial Prize	Endowed	\$500	Medicine (Psychiatry)
5602	Harold KRIVEL Prize in Paediatrics	Endowed	\$300	Medicine
8199	KIEVELL Bursary	Annual	\$14,500	Medicine
3299	Dennis HARRIS Memorial Prize in Psychiatry	Annual	\$300	Medicine (Psychiatry)
8189	Lawrence J. BOWLES Memorial Bursary	Annual	\$300	Medicine (Psychiatry)
7301	C. Colin JACKSON Memorial Bursary in Medicine	Annual	\$500	Medicine
8200	MCQUID/Pacific International Securities Inc. Bursary	Annual	\$1,000	Medicine (Rehabilitation Sciences)
8178	Peter JEPSON-YOUNG Bursary	Annual	\$1,000	Medicine
**	Barbara ALLAN Scholarship in Medicine	Endowed	\$6,000	Medicine (Neurology)
**	Douglas and Jean BAILEY Scholarship	Endowed	\$17,600	Medicine/Pharmacy (alternating)
	Faculty Total		\$59,900	
FACULTY OF PHARMACEUTICAL SCIENCES				
3756	LONDON Drugs Scholarship	Endowed	\$6,000	Pharmaceutical Sciences
8195	University of B.C. Pharmaceutical Sciences	Endowed	\$500	Pharmaceutical Sciences
4824	CANADIAN Society of Hospital Pharmacists Prize	Annual	\$1,000	Pharmaceutical Sciences/Graduate Studies
4839	PARKE-Davis Doctor of Pharmacy Fellowship	Annual	\$12,500	Pharmaceutical Sciences/Graduate Studies
4841	SANDOZ Canada Inc. Doctor of Pharmacy Fellowship	Annual	\$12,500	Pharmaceutical Sciences/Graduate Studies
	Faculty Total		\$32,500	
FACULTY OF SCIENCE				
4823	Grace Torch Stewart ADAMSON Memorial Scholarship in Nursing	Endowed	\$3,000	Science (Nursing)/Graduate Studies
4387	DOLMAN Prize in Microbiology and Immunology	Endowed	\$500	Science (Microbiology and Immunology)
8184	Gabriel L. ALLARD Memorial Bursary in Computer Science	Endowed	\$450	Science (Computer Science)
4388	David SHUM Memorial Prize in Computer Science	Endowed	\$450	Science (Computer Science)
4389	Martin FRAUENDORF Memorial Prize in Computer Science	Endowed	\$500	Science (Computer Science)
4840	Craig Adams SANDERCOCK Memorial Scholarship	Endowed	\$1,200	Science (Botany and Zoology)/Graduate Studies
4390	Thomas and Margerite MACKAY Memorial Scholarship and Fellowship	Endowed	\$60,000	Science/Graduate Studies
4391	Dr. Christopher WESTERMAN Memorial Scholarship	Endowed	\$1,200	Science (Geology)

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4818	Gladys Estella LAIRD Research Fellowship (3 @ \$2,000)	Annual	\$6,000	Science (Chemistry)/Graduate Studies
8179	JUMPSTART Scholarship Society Bursary in Environmental Sciences (2@ \$2,000)	Annual	\$4,000	Science (Environmental Sciences)
**	Marianne HUYER Memorial Prize	Endowed	\$500	Science (Biochemistry and Molecular Biology/Graduate Studies)
	Faculty Total		\$77,800	
ENTRANCE SCHOLARSHIPS				
4602	David CROMBIE Entrance Scholarship	Endowed	\$2,800	
4604	AVENOR Inc. Entrance Scholarship	Endowed	\$9,000	
4606	CROWN Life Insurance National Entrance Scholarship	Endowed	\$3,000	
4603	RAYROCK Yellowknife Resources Inc. Entrance Scholarship	Endowed	\$13,500	
4605	Hugh M. BROCK National Entrance Scholarship	Endowed	\$26,000	
4607	Charles Victor RYDER Entrance Scholarship in Engineering	Endowed	\$2,000	Entrance /Applied Science
8175	BUDDHIST Compassion Relief Tzu Chi Foundation Entrance Bursary	Annual	\$50,000	
	Entrance Scholarships Total		\$106,300	
OTHER				
8171	Harold B. and Nellie BOYES Memorial Bursary	Endowed	\$10,000	
4601	Fred W. and Gladys E. LAIRD Scholarship	Endowed	\$1,000	
8172	John Valentine CLYNE Bursary	Endowed	\$3,000	
5106	WESTCOAST Energy Inc. Education Abroad Language Scholarship	Endowed	\$12,000	Education Abroad Program Advisory Committee/Awards and Financial Aid
5100	Hugh M. BROCK Education Abroad Scholarship	Endowed	\$112,000	Education Abroad Program Advisory Committee
8183	Alex SUTHERLAND Memorial Bursary	Endowed	\$600	
5101	CATHAY Pacific Education Abroad Scholarship (4 @ \$7,500)	Endowed	\$30,000	Education Abroad Program Advisory Committee
5102	CHAN Tat Chee Memorial Education Abroad Scholarship	Endowed	\$30,000	
5103	Walter H. GAGE and Elsie M. HARVEY Education Abroad Scholarship	Endowed	\$59,550	Education Abroad Program Advisory Committee
5104	Simon K.Y. LEE Foundation Ltd. Education Abroad Scholarship	Endowed	\$30,000	
677	Judith C. THIELE Memorial Scholarship	Endowed	\$1,300	Committee on Awards for Students with Disabilities
8187	William Donald Mills AGNEW Memorial Bursary	Endowed	\$1,275	Committee on Awards for Students with Disabilities
4845	Merv and Mardi BOUCHER Scholarship and Bursary	Endowed	\$22,000	
8196	CANADIAN Folk Society William and Mary Black Memorial Bursary	Endowed	\$240	
2357	FLETCHER Challenge Canada Limited Scholarship	Endowed	\$30,000	Awards and Financial Aid Office
679	HUNT Personnel Award in Athletics	Annual	\$750	President's Athletic Awards Committee
678	DHARMA Master Chuk Mor Scholarship	Annual	\$1,000	Awards & Financial Aid Office recommendation
3927	Bob HINDMARCH Award (2 @ \$1,500)	Annual	\$3,000	President's Athletic Awards Committee
8202	ROYAL Canadian Legion-Shalom Branch 178-Stanley Fisher Memorial Bursary	Annual	\$500	
8176	LIANG Bursary	Annual	\$300	
**	Pierre BERTHIER Education Abroad Scholarship	Endowed	\$21, 000	Education Abroad Program Advisory Committee/Awards and Financial Aid
**	BROWN Bros. Ford Award in Athletics	Endowed	\$1,500	President's Athletic Awards Committee
**	BROWN Bros. Ford Scholarship in Athletics	Endowed	\$1,500	President's Athletic Awards Committee
**	Adam and Elizabeth Ann DUNDAS Bursary	Endowed	\$4,900	
**	Cheryl KINTON Memorial Award	Endowed	\$500	President's Athletic Awards Committee/Head Women's Basketball Coach
**	Florence and Lynn SULLY Scholarship in Athletics	Endowed	\$1,500	President's Athletic Awards Committee
**	Esme MacCulloch WILLING Bursary	Endowed	\$4,700	
	Other Total		\$363,115	
	GRAND TOTAL		\$1,156,700	