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

## MINUTES OF MAY 21, 1997

### Attendance

**Present:** President D. W. Strangway, (Chair), Vice President Academic D. R. Birch, Dean F. S. Abbott, Dr. P. Adebar, Dr. D. R. Atkins, Mr. T. Au Yeung, Dr. J. D. Berger, Dr. G. W. Bluman, Mr. P. T. Brady, Professor P. T. Burns, Dean J. Cairns, Mr. A. Chui, Ms. L. Chui, Dean M. Goldberg, Mr. C. L. Gorman, Dean F. Granot, Mr. H. D. Gray, Dr. P. G. Harrison, Mr. J. Keng, Mr. A. Kwong, Ms. E. Lai, Ms. G. Lau, Mr. O. C. W. Lau, Mr. D. K. Leung, Professor P. T. K. Lin, Mr. R. W. Lowe, Dr. D. M. Lyster, Dr. D. J. MacDougall, Dr. M. MacEntee, Dr. K. May, Dean B. C. McBride, Dr. W. R. McMaster, Dean A. Meisen, Mr. S. Mui, Dean S. Neuman, Mr. V. Pacradouni, Mr. R. L. de Pfyffer, Dean J. F. Richards, Dr. H. B. Richer, Dr. H. J. Rosengarten, Dr. R. W. Schutz, Dean N. Sheehan, Dr. C. E. Slonecker, Dean C. L. Smith, Ms. N. Sonik, Dr. S. Thorne, Dr. W. Uegama, Dr. J. Vanderstoep, Dr. D. Ll. Williams, Dr. W. C. Wright Jr., Dr. R. A. Yaworsky, Dean E. H. K. Yen.

**Regrets:** Chancellor W. L. Sauder, Dean C. S. Binkley, Dr. P. C. Burns, Dr. V. Froese, Dr. J. H. V. Gilbert, Dr. V. Gomel, Dr. A. G. Hannam, Rev. J. Hanrahan, Dr. F. G. Herring, Dr. M. R. Ito, Dr. V. J. Kirkness, Dr. S. B. Knight, Ms. S. Lerchs, Dr. M. Levine, Mr. T. P. T. Lo, Mr. S. Lohachitranont, Dr. P. L. Marshall, Mr. W. McMichael, Mr. W. B. McNulty, Mr. B. Murphy, Mr. J. Nobbs-Thiessen, Dr. R. J. Patrick, Dr. W. J. Phillips, Professor M. Quayle, Dr. D. P. Rolfsen, Mr. A. H. Soroka, Ms. L. M. Sparrow, Dr. J. R. Thompson, Dr. M. Thompson, Dr. B. J. van der Kamp, Mr. D. R. Verma, Dr. P. A. Vertinsky.

### Senate membership

**REPLACEMENT**

Mr. James Keng replaces Ms. J. K. Gill as student representative of the Faculty of Agricultural Sciences.

### Minutes of the previous meeting

*Mr. Gorman*
*Dean McBride*
} *That the minutes of the eighth regular meeting of Senate for the Session 1996-97, having been circulated, be taken as read and adopted.*

Carried.

### Business arising from the minutes

**SENATE NOMINATING COMMITTEE MEMBERSHIP (P.11658)**

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, Mr. Christopher Gorman and Ms. Neena Sonik had been nominated.

*Dean Goldberg*
*Mr. Pacradouni* } *That nominations close.*

Carried.

There being no further nominations, Mr. Christopher Gorman and Ms. Neena Sonik were declared elected.

**Chair's remarks and related questions**

The President stated that he would make a few remarks at the end of the meeting.

**Presentation of Certificates**

President Strangway paid tribute to those members attending their last Senate meeting, and presented certificates of appreciation to Dean James F. Richards, Dean Michael Goldberg, Dean Axel Meisen, and Dean Lynn Smith, who have served on Senate for 22, 12, 12, and 6 years, respectively.

Vice President Birch noted that this was also the last meeting for the Chair of Senate, President David W. Strangway. Members of Senate acknowledged this with a round of applause.

**Candidates for Degrees**

*Dean McBride*
*Dean Goldberg* } *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. Bluman informed Senate that of the 28 heads of graduating classes, 15 entered UBC directly from high schools, 14 of these being from B.C. high schools, and three of those were from three different Prince George high schools. Only two entered UBC directly from Vancouver high schools. Of the remaining 13 winners, five came from other B.C. universities, including one from the Open University, six came from other Canadian universities, one from a B.C. community college, and one entered UBC from a foreign university. Dr. Bluman noted that only two of the undergraduate winners held major entrance scholarships. The Governor-General's Silver Medalist in Science held a Chancellor's Scholarship, and the head of the graduating class in Agricultural Sciences held a President's Scholarship. Five heads of class received the Wesbrook Scholar's designation: the heads of the graduating classes of Arts, Human Kinetics, Law, Medicine and Rehabilitation Sciences (Physiotherapy). Dr. Bluman also noted that 20 of the 28 heads of classes were women.

Vice President Birch noted that the winner of the Hamber Medal, the head of the graduating class in Medicine, is a First Nations woman and a graduate of a Kamloops high school.

## Proposal from the Board of Governors to appoint a joint Board and Senate Committee to develop a naming policy

A proposal from the Board of Governors to appoint a joint Board and Senate Committee to develop a policy on the use of major donors' names had been circulated.

*Mr. Pacradouni*
*Dr. Slonecker*

} *That the proposal to establish a joint Board/Senate committee to develop a policy on the use of major donors' names be approved.*

Carried.

## Motion to petition the Government of B.C. to amend the University Act Chapter 419

Mr. Brady presented the following motion:

*Mr. Brady*
*Dr. Yaworsky*

1. *delete the words "who is its chair" from Part 7, 35(2)(b) and*
2. *insert the words "to elect its own chair;" in Part 7, 37 and*
3. *cause Part 7, 37(a) to read: "to regulate the conduct of its meetings and proceedings, including the determination of the quorum necessary for the transaction it its business, to elect a chair at least annually, and the election of a vice chair at least annually, who shall chair meetings in the absence of the chair; but in no case shall a vice chair serve more than 2 consecutive terms."*

Mr. Brady explained that the intent of the motion was to enable the President to be an active participant in Senate debates, providing opinions and leadership. Under the current *University Act*, the role of the chair of Senate is basically one of parliamentarian and speaker.

Dr. Williams spoke against the proposal, stating that petitioning the Government of B.C. to even look at the *University Act* could lead to a number of other modifications which Senate might be less than enthusiastic about. As far as the ability of a Chair to express its views for the benefit of Senate was concerned, Dr. Williams said that he had not noticed any reticence in that regard over the many years he had served on Senate.

Vice President Birch noted that UBC was not the only institution governed by the *University Act* and therefore it should not unilaterally petition the government. Vice President Birch agreed with Dr. Williams that such a request would be an invitation to the government to scrutinize and perhaps revise the powers and composition of Senate, which could be detrimental to the way in which Senate currently operates.

The motion was lost.

## Reports of Committees of Senate

### ADMISSIONS COMMITTEE

*Faculty of Applied Science*

Dr. Harrison, chair of the committee, presented the report. The committee recommended approval of the following revised Calendar statements on English Requirements and Advancement:

> *English Requirements*
>
> The Faculty of Applied Science recognizes that good communication skills in English are essential to the understanding of course material and to the successful practice of engineering. To qualify for the degree of B.A.Sc., a student must complete English 112 (or equivalent) and APSC 201 (or equivalent. Students admitted directly from secondary schools are required to take English in their first year if eligible to do so. To be eligible, students must have met the Language Proficiency Index (LPI) requirement as stated in the "Admissions" section of the Calendar. Once admitted to UBC, students will not normally be permitted to satisfy the English requirements at another institution. Students should take particular notice of the English requirements for advancement in the Faculty, as stated in the "Advancement" section of this portion of the Calendar.
>
> *Advancement*
>
> In order to advance in the Faculty of Applied Science, students normally must have met the Language Proficiency Index (LPI) requirement (as stated in the "Admissions" section of the Calendar) by April 30th to be eligible for admission to a program at the second year level. They must also complete ENGL 112 (or equivalent) prior to promotion to year level 3, and APSC 201 (or equivalent) prior to promotion to year level 4.

*Dr. Harrison*
*Dr. Rosengarten*

*That the revised Calendar entries on English Requirements and Advancement in the Faculty of Applied Science be approved.*

Carried.

***Mandated Enrolment Increase (see Appendix A)***

At the previous meeting, Dean McBride was requested to convey to the government the motion approved by Senate which states that the University is

unable to increase the present student enrolment without increased funding. Dean McBride reported that he had spoken to the Assistant Deputy Minister responsible for post-secondary education and the Director of the university component of that portfolio. He stated that it was a useful discussion and that there was appreciation for the University's concerns at that level in the bureaucracy. He said that there is sympathy and an interest in learning more about the implications of these policies for our undergraduate and graduate programs and our research programs. He stated that arrangements were being made to meet with the Minister to convey UBC's concerns.

The chair called on Vice President Birch to speak to the following proposal which had been circulated at the meeting:

DECISION REQUESTED:

That Senate approve and recommend approval by the Board of Governors of the proposed enrolment plans, quotas and targets of the various faculties and schools as presented in the attached "1997 Enrolment Quota For Students New to Program (Domestic)".

BACKGROUND:

Plans have been developed by the Academic Vice President and the Deans to meet the 1997/98 undergraduate enrolment increase required of the University by the Ministry of Employment, Education and Training. The target includes making up the 1996/97 shortfall of 506 FTE (2.1%) and a further mandated increase of 239 FTE (1%). Transfer of the Architecture program from the undergraduate level to the graduate has resulted in a reduction of the undergraduate target by 100 FTE, leaving the University charged with achieving a net undergraduate enrolment increase of 645.

The attached Board of Governors paper presents the University's position with respect to the provincial operating grant. Note particularly the government's holdback of $2 million of the 1997/98 grant pending submission of the attached enrolment plan.

At its April meeting, Senate addressed itself to concerns about the impact of mandated enrolment increases and constrained resources on the quality of undergraduate education at UBC. Not only are grants constrained but the government's freeze of tuition fees prevents the University from increasing fee revenue in order to maintain the quality of education. Senate passed a motion indicating that the University would not enroll additional undergraduate students until the required resources and infrastructure were in place. Dean McBride had spoken eloquently of the stresses caused in the Faculty of Science, and by implication, similar effects in other Faculties, by increases in enrolment, reduction in failure rates, increases in numbers of graduates - all constituting huge gains in efficiency in a context of limited resources. The message was that the Faculty (and the University) could not effect greater efficiencies in the delivery of undergraduate education without compromising quality. The Senate motion was amended to request that Dean McBride convey the motion expressing Senate's concerns to the Ministry.

Dan Birch arranged for Barry McBride to join him in order to convey Senate concerns to senior Ministry officials and the motion was conveyed together with many of the particular points made in the Senate debate by Barry McBride and other members of this body. Barry McBride made the points with considerable feeling and force. Dan Birch noted UBC's commitment to increasing the capacity of undergraduate programs in the province, demonstrated especially in our work to develop the University Colleges. He also expressed strong concern over the failure of government to continue funding the increase in graduate enrolment. This has had a huge negative impact on UBC, in particular, since it is the institution with the greatest range of research and graduate programs. He pointed out that in a differentiated system of higher education, equity means treating institutions similarly where they are similar and differently where they are different. UBC should be funded not only for its outstanding undergraduate programs but also for its substantial graduate enrolment. The practice of this year and last of mandating undergraduate enrolment increases without funding compromises the quality of education but, even before these two years, the funding of enrolment increases at a system average in dollars/FTE systematically shortchanged UBC which has proportionately more students than other universities in the sciences and in higher cost professional programs.

Ministry officials acknowledged that they shared the concerns expressed, that they would appreciate our help in continuing to make the University's concerns known. They invited us to meet with the Minister (and others at the political level) and they acknowledge that in comparing government treatment of universities in Alberta and British Columbia, politicians focused more on the level of cutbacks (less in B.C.) than on the absolute level of funding per student (also less in B.C., even after substantial cutbacks in Alberta's grants to universities. Nonetheless, the level of the grant and the mandated enrolment increase were political decisions which would stand for this year. Ministry officials expected to lift the holdback of a portion of UBC's grant on

submission of an enrolment plan for 1997/98 showing how the University would meet its target for the mandated enrolment increase. Since tuition accounts for approximately 16% of General Purpose Operating Funds, to increase enrolment with tuition as the only source of revenue is to dilute programs by supporting incremental enrolment with 16 cent dollars. Ultimately the quality of undergraduate education can only depreciate under these circumstances. In spite of this, it is our judgment that to forego the held back portion of the grant ($2,000,000) and the tuition revenue from the enrolment increase ($1,450,000) would only accelerate the degradation of undergraduate program quality.

On May 15th the Finance Committee of the Board of Governors, apprised of the Senate's concern for the impact of enrolment increases on program quality, indicated that, although it respected Senate and fully shared the concern expressed, it would nonetheless recommend that the Board approve the proposed mandated enrolment increase quotas as the less damaging strategy for dealing with enrolment and the provincial grant. The Board of Governors has the power under the University Act "to determine the number of students that may in the opinion of the board, having regard to the resources available, be accommodated in the university or in any faculty of it...," however this power is "with the approval of Senate". Consequently this matter is before Senate for recommendation to the Board.

*Dr. Birch*
*Dean Goldberg*

*That Senate approve and recommend approval by the Board of Governors of the proposed enrolment plans, quotas and targets of the various faculties and schools as presented in the attached "1997 Enrolment Quota for Students new to Program (Domestic)".*

Vice President Birch referred to the concerns expressed by Senate at its previous meeting, and Senate's judgement that the diminution of quality that comes from increasing enrolment without commensurate funding is a very serious matter academically. Vice President Birch assured Senate that Dean McBride conveyed this message to the government as forcefully and emotionally as he had in Senate, and he believed this was helpful in enhancing the understanding of UBC's concern. Vice President Birch stated, however, as indicated in the material circulated, that it was the collective judgement of the Deans and himself that the damage to the quality

of undergraduate education at UBC would be greater were it to forego the $2 million, and the incremental tuition, by declining to accept the required students. He believed that while it was not a palatable decision, it was the lesser of two evils.

Vice President Birch noted that the Ministry staff acknowledged the sense of urgency in convening a cross university committee to work immediately towards next year's plan for the formula for budget allocation. He believed that the message was reaching the point that it did some years ago when government got the message that they would be hurting the quality of higher education and the opportunities of young people in this province if they continued to squeeze. He said that this had to be recognized and the process reversed, although he was not confident that it would be reversed immediately, and certainly not this year.

Vice President Birch drew attention to three mandates in the University Act, which include education, research and continuing education in all branches of knowledge represented in the university. He stated that the Deans had suggested that Senate and the Senate Committee on Continuing Education be encouraged to look very seriously at the diploma and certificate programs approved by Senate, with a view to enhancing the counting of enrolment in some new way that will complement what the University does and which will contribute to fulfilling the statutory mandate without compromising standards for the granting of academic credentials.

Vice President Birch referred to the quotas and targets presented by the Senate Admissions Committee, and to the undergraduate enrolment plan in the material

circulated which, he said, shows a little more clearly where the actual net enrolment increase takes into account predictions for the flow-through of last year's increases, year to year, the relationship between head count enrolment and full time equivalent enrolment, and effects of students transferring from one Faculty to another. Vice President Birch said that he felt very strongly that Senate, having expressed appropriately its concern, should now endorse an enrolment plan for the coming year so that the University would not have to forego significant revenue and to enable it to deliver on the expected mandated enrolment increase.

Dr. Harrison spoke on behalf of the Senate Admissions Committee, explaining that the committee was unable to make a recommendation concerning enrolment quotas because it was governed by the Senate motion on enrolment (April 1997 meeting) which prohibited the committee from approving quotas that would increase total enrolment. Dr. Harrison acknowledged the input of Deans, Associate Deans and Directors in response to requests for information to help the committee in its deliberations since the last Senate meeting but said that it was not possible for the committee to satisfy itself that it could recommend approval of the quotas. The committee had some difficulty in being asked to make recommendations on intake proposals for new students when the real question was what the effect will be on total enrolment. Dr. Harrison said he hoped that next year the Admissions Committee would have a wider mandate to look at total enrolment, not just quotas for the new students.

Dr. Richer noted that at the previous meeting it had been said that it would be difficult, if not impossible, to accommodate the entire increases mandated, and

asked why Senate was now considering a motion to approve the mandated increases.

Dean Neuman responded that if the University forgoes the $2 million funding, plus tuition, this will have to be made up for in budgets that are already looking impossible to meet this year because of anticipated faculty salary increases etc. In order to meet the further budget cuts that this would entail in a Faculty such as Arts, all sessional teaching would have to be cut. This would mean that none of the sections of English 112 could be offered. The net effect would mean that there are some critical courses, including courses that the Faculty is required to offer, that could not be offered.

Dr. Berger stated that there were two key issues. The motion passed at the previous meeting was an accurate academic assessment of the situation. He said that no-one would argue that the University could take further students without decreasing academic quality. Dr. Berger said that Senate was now faced with a political reality, and that it would be irresponsible not to comply with the government's mandated enrolment increases.

Mr. Brady spoke against the motion, citing the negative effects on students and teaching staff. He said that the fact that this was a political decision did not justify the action.

Dr. MacEntee said that it was not just a question of a political decision. He said that Senate had two choices, both of which would produce some damage. He felt that there would be more damage, both academically and politically, if Senate did

not approve the motion. He said that the attempts made by going directly to the government following the last meeting were laudable, and he hoped that the arguments made on behalf of the University would produce positive results.

Dean Cairns spoke in favour of the motion stating that, in his opinion, this was an academic decision in that the academic consequences would be far worse if there was a budget cut.

Mr. Gray felt that until Dean McBride had actually spoken to the Minister, he had not fulfilled his mandate. He stated that if the motion is passed, the message becomes lost. He said that he was proud of Senate's action at the previous meeting and felt that it was worthwhile. He suggested, however, that an amendment to the motion would convey Senate's real feelings on the subject.

In amendment:

*Mr. Gray*
*Dr. Harrison*

*That the motion be amended to read: "That Senate reluctantly approve and grudgingly recommend approval by the Board of Governors of the proposed enrolment plans, quotas and targets of the various faculties and schools as presented in the attached "1997 Enrolment Quota for Students new to Program (Domestic)."*

Carried.

Dr. Atkins stated that although the Senate Budget Committee was concerned about the situation it was very clear to the committee that the academic implications of refusing to accept additional students would be far worse and that the extra budget cuts of possibly $3.4 million would be far more damaging.

The Budget Committee felt that the action taken at the previous meeting had the biggest impact and that the University could continue to do that sort of thing, but should not, at this particular point in time, shoot itself in the foot and refuse to take the extra students. The committee did feel, however, that 100% of the new tuition, $1.4 million, should be returned to those Faculties taking extra students. President Strangway confirmed that this is what the University intends to do.

The motion, as amended, was put and carried.

**BUDGET COMMITTEE**

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

*Joint Committee of Deans and the SBC*

Senate passed a motion this year to established a procedure for accelerating "approval in principle" of new programs in order that they be forwarded without delay to the Provincial Committee for approval. The mechanism proposed was for a joint committee of the SBC and the Committee of Deans. This Committee met once this year to consider two proposals. The first was a Bachelor of Real Estate Studies which was approved unanimously. The Committee had considerable trouble with the second, a Journalism Program from the Faculty of Arts which was not supported by adequate budgetary documentation even for "approval in principle". The Committee authorized the Vice-President Academic to forward to Government a letter of intent as long as it was understood that this did not imply that the Senate Budget Committee approves the program budget. The Committee requested that the operation of the Joint Committee requires that detailed budgetary information accompany all requests for approvals for letters of intent.

*Decentralization of the Benefits Budget*

The SBC strongly recommended against the proposed decentralization of benefits to operating units, especially academic units. A compromise position will be implemented for 1997/8 in which the management of benefits, which is typically a complex and technical task, remains central but that the cost of benefits will be allocated to the units in which they incur via a separate benefits budget. The SBC will want to include this item on their agenda for next year to review whether the advantages of correctly identifying the source of costs is not outweighed by the downloading of monitoring costs to the Faculties.

*International Student Fees*

The SBC was presented with the proposed increases in International Graduate Student fees with no prior warning and apparently as a fait accompli, having been before the Committee of Deans and unanimously passed by those Deans present and about to go to the Board of Governors on the next day. The SBC subsequently held a special meeting, the outcome of which has already been reported to Senate.

*MVS Migration Project (now renamed the ASP)*

The Project was presented to the SBC. Satisfaction with the idea that financial system would be more timely, flexible and user friendly was tempered somewhat by the increased operating costs that might be imposed upon academic units due to increased system requirements.

*Capital Asset Management Plan*

The SBC heard a presentation of the Capital Asset Management Plan.

*Outstanding Student Initiative*

The SBC continues to have on its list of concerns certain aspects of the OSI. These relate to the rather open-ended nature of its growth and size and also to the apparent lack of mechanisms to evaluate and fine tune the program to ensure it achieves the maximum effect for the dollars spent. We understand that another committee of Senate is studying the OSI and have not included it within our 1996/7 agenda. The SBC eagerly awaits such a report which would ensure the maximum cost effectiveness of this major investment of resources.

*Budgets and Five year Plans for Ancillaries*

The SBC had the opportunity to review proposed budgets for 1997/8 and five year plans for ancillaries. Last year, Senate passed a motion on the recommendation of the Senate Ad Hoc Committee on University organization:

"That Senate request the President to require that all centralized service units have a formal mechanism for regularly assessing their performance, including the extent to which they are satisfying the legitimate needs of academic departments, individual faculty members and students. **The nature of the mechanism and changes in it should be reported to the Senate Budget Committee for review and comment,...** (emphasis added)"

Fulfilling this request from Senate, the SBC paid particular attention to whether ancillaries and other centralized units showed evidence that they were both seeking and being responsive to the needs of the academic. A variety of suggestions were made. Concerning the particulars of the 1997/8 budgets, a number of observations were made and concerns voiced. For example. there was concern about the planned 12.5% per year for five years increase in parkade fees. The SBC thought that increasingly placing annual budgets within the context of five year plans was helpful as also was the provision for depreciation in accounting.

*Hampton Place Fund*

The President presented the SBC with a summary of the sources and uses of the Hampton Fund.

*Budgetary Implications of New Academic Programs*

The SBC is concerned that, in these constrained financial times, any unfunded liabilities of new programs will end up being carried across all Faculties via GPOF re-allocations. We have begun to explore with the Vice-president Academic ways in which Senate's voice might be heard on such issues without simultaneously increasing the bureaucracy associated with new programs.

*Approval of the 1997/8 budgets*

The main work for the SBC comes after the May Senate; that is the approval of the 1997/8 University budget. The SBC has been concerned about the timetable used in previous years in that the budget from each vice-president was presented in a concentrated period over three or four days. This offered little opportunity for offering considered advice to the President. The President has accepted the need for more time for the SBC to do its work and this year the budget discussions will spread out over a three week period. This should allow for more involvement by your committee, and we shall report in our interim report in September as to how this worked in practice.

Dr. Atkins spoke briefly to the report, highlighting the various issues dealt with by the committee, and drawing particular attention to the Outstanding Student Initiative. He stated that this was a very expensive item and for that reason the committee was concerned about the stewardship of the money. The committee had been assured that some other committee of Senate was studying the Outstanding Student Initiative. However, the Budget Committee will look at this item again, unless a report is received from the other committee confirming that the University is getting the maximum value for every dollar spent on the program.

*Dr. Atkins*
*Dr. Berger* } *That the report be accepted.*

Carried.

**CURRICULUM COMMITTEE (SEE APPENDIX B)**

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

***Faculty of Medicine***

Dr. Berger explained that the Faculty of Medicine was in the process of implementing new programs in first and second year and that they were proposing a transitional third year program to deal with third year (with some modifications to fourth year) until the new program is completely in place, which will take a further two years. The list of courses contained in the proposal will be taken by all students in the third year. Dr. Berger stated that the difficulty with the program was that in its first year of implementation there will be students in clinical clerkships from both the new transitional third year program and the old program. This has resulted in substantial increases in the need for clinical places for students in clerkships, but support has been given by the various hospitals in the city. Dr. Berger said that quite a number of concerns had been raised by students in terms of whether this was "mission impossible" or not. He said that those concerns have been addressed and students have agreed that it is going to work. The committee had been assured that Faculty resources were available, and the committee therefore recommended approval of the transitional third year program in the Faculty of Medicine.

*Dr. Berger*
*Dean Cairns*
} *That the Transitional Third Year Program in the Faculty of Medicine be approved.*

Carried.

***Faculty of Graduate Studies***

The committee recommended approval of curriculum proposals from the Faculty of Graduate Studies, subject to editorial changes.

*Dr. Berger*
*Dean Granot* } *That the proposals of the Faculty of Graduate Studies be approved.*

In response to a query, Dr. Berger explained that unless Faculties argue very strongly, the committee recommends that graduate courses do not carry course descriptions and that the titles be recast in a more descriptive vein.

The motion was put and carried.

**ELECTIONS COMMITTEE**

Dean Smith, chair of the committee, presented the following report, which had been circulated:

***Board of Governors Election of Student Members***

On February 12, 1997 the Election Committee of Senate met to consider allegations of irregularities in the January 20-24, 1997 election of two student members to the Board of Governors. The allegations had been made January 28, 1997. The committee received a letter dated February 10 from the President of the Alma Mater Society advising us that the Alma Mater Society Student Council had passed a motion recommending to our committee that a recount for the student positions on the Board of Governors be undertaken.

Reviewing the material provided, and taking into account the report of the AMS Ombudsperson, Michael Curry, who had conducted an investigation, the committee concluded that there should be a recount. We ordered that the recount be conducted by the AMS Ombudsperson, under the supervision of our committee (one of whose members, Student Senator Matt Kirchner, represented the committee in this respect), and that the candidates be permitted to have scrutineers present during the recount.

Senate Rules and Regulations for Student Elections to Governing Bodies para. 4(e) requires allegations of irregularities to be submitted to the Registrar in writing within 48 hours of the close of polling. We agreed to consider the request despite non-compliance with the deadline because: (1) the AMS had requested the recount after what appeared to be a careful investigation by the Ombudsperson; (2) the complaints upon which the AMS request was based related to proceedings in the count itself, rather than to alleged irregularities in the voting process. Given the length of time that a count takes, it often will be impossible for someone to be in a position to bring a complaint about the conduct of the count if the 48 hour deadline is strictly enforced.

The recount was conducted, and the outcome of the recount reversed the standing of the second and third place candidates. At the initial count, the candidate in second place received ten votes more than the third-placed candidate. At the recount, the margin was two votes the other way. The report from the AMS Ombudsperson and from the Senate Elections Committee representative at the recount, as well as information obtained from an interview with the AMS Elections Officer, revealed that there had been a breakdown of the machine used to count the votes at both the original count and the recount.

The committee then solicited submissions from all candidates with respect to the next step. A copy of our letter to the candidates is attached. We received some submissions. After considering those submissions, we concluded that there should be a manual recount, conducted along lines similar to those of a "judicial recount" in a provincial election. Dr. Bertie McClean agreed to preside over the recount. The committee established certain rules for the recount. A copy of the committee's letter in this respect is attached.

The recount was conducted and Dr. McClean reported to the Chair of the Senate Elections Committee on April 29. The results were that the outcome in the first recount was confirmed, with the margin increasing from two votes to four. A copy of Dr. McClean's report is attached. The next day, the Registrar reported to the Secretary to the Board of Governors that the manual recount had been held and that the final results were as found by Dr. McClean. As far as we are aware, the Board will be proceeding accordingly. Until its receipt of the Registrar's report, the Board of Governors had accepted the two candidates (David Borins and Jeff Myers) who had received the highest number of votes in the original count. The recount does not affect the position of Mr. Borins, but means that Mr. Myers will be replaced by Ms. McArthur.

The Senate Committee on Elections wishes to report this sequence of events and conclusion to Senate, and to seek approval of the process and of its outcome.
[The attachments are not included in these minutes.]

Dean Smith spoke briefly to the report, explaining the decisions and actions taken by the committee.

*Dean Smith*
*Mr. Gorman*

} *That Senate approve this report, ratify and confirm the decisions and actions taken by the Senate Committee on Elections, and confirm the election of David Borins and Kera McArthur to the Board of Governors.*

Carried.

**NOMINATING COMMITTEE**

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

| | |
|---|---|
| **Academic Building Needs** | |
| Mr. Brian Murphy | replacing Mr. S. Arnold |
| Mr. Jesse Nobbs-Thiessen | replacing Mr. A. Legge |
| **Academic Policy** | |
| Ms. Sarah Lerchs | replacing Mr. S. Arnold |
| Mr. Brian Murphy | replacing Mr. J. Murray |
| **Admissions** | |
| Mr. Alexander Chui | replacing Mr. J. Boritz |
| Mr. Tom Au Yeung | replacing Mr. J. Nobbs-Thiessen |
| **Agenda** | |
| Mr. Jesse Nobbs-Thiessen | replacing Mr. J. Murray |
| Mr. Vighen Pacradouni | replacing Mr. T. Pang |
| **Appeals on Academic Standing** | |
| Mr. James Keng | replacing Mr. J. Boritz |
| Mr. Alan Kwong | replacing Ms. J. K. Gill |
| Mr. Jesse Nobbs-Thiessen | replacing Mr. T. Pang |
| **Budget** | |
| Mr. Samson Mui | replacing Mr. J. Nobbs-Thiessen |
| Mr. Vighen Pacradouni | continuing member |
| **Continuing Studies** | |
| Ms. Emily Lai | to fill vacancy |
| Mr. Sompatana Lohachitranont | continuing member |
| **Curriculum** | |
| Ms. Gloria La | replacing Mr. A. Briggs |
| Mr. Sompatana Lohachitranont | replacing Ms. J. K. Gill |
| Mr. Brian Murphy | replacing Mr. B. G. McDonald |
| Ms. Neena Sonik | to fill vacancy |
| **Elections** | |
| Ms. Lica Chui | to fill vacancy |
| **Liaison with Post-Secondary Institutions** | |
| Mr. Alan Kwong | to fill vacancy |

| Library | |
|---|---|
| Mr. Chris Gorman | continuing member |
| Ms. Emily Lai | replacing Mr. J. Boritz |
| Ms. Neena Sonik | replacing Ms. L. Chui |
| **Student Appeals on Academic Discipline** | |
| Mr. Chris Gorman | continuing member |
| Mr. James Keng | replacing Mr. J. Boritz |
| Ms. Sarah Lerchs | replacing Mr. M. Kirchner |
| **Student Awards** | |
| Mr. Samson Mui | replacing Mr. A. Legge |
| Mr. Tom Au Yeung | replacing Mr. D. Shu |
| **Tributes** | |
| Ms. Lica Chui | continuing member |
| Ms. Neena Sonik | replacing Mr. M. Kirchner |
| **Ad-Hoc Committee on Academic Advising** | |
| Mr. Alexander Chui | replacing Ms. L. Chui |
| Ms. Gloria Lau | replacing Mr. J. Murray |
| Mr. Jesse Nobbs-Thiessen | continuing member |

*Dr. Williams*
*Dr. MacDougall*
} *That the recommendations of the Nominating Committee be approved.*

Carried.

***Ex-officio membership on the Senate Admissions Committee***

The committee recommended approval of a request from the Senate Admissions Committee that Ms. Mary Cooney, Associate Registrar Admissions, be added to the membership of the Senate Admissions Committee as an ex-officio member.

*Dr. Williams*
*Dr. Harrison*
} *That the Associate Registrar Admissions, Ms. Mary Cooney, be added to the membership of the Senate Admissions Committee as an ex-officio member.*

Carried.

## Report of the University Librarian - 1995-96

The Report of the Librarian for 1995-96 had been circulated for information.

## Faculty of Commerce and Business Administration

### PROPOSAL TO ESTABLISH THE SFU-UBC CENTRE FOR THE STUDY OF GOVERNMENT AND BUSINESS

A proposal to establish the SFU-UBC Centre for the Study of Government and Business had been circulated. It was noted in the material circulated that the purpose of the SFU-UBC Centre is to support theoretical and applied research into the role of governments in the Canadian economy and into the relationship between government and business in Canada. The Centre is to be jointly sponsored by the Faculty of Commerce and Business Administration at UBC and the Faculty of Business Administration at SFU. The twin foci of this research will be on normative questions about the way government should operate to serve best their constituents; and on positive questions about the causes and effects of actual government activities. The Centre will carry out its mandate through a number of activities including the support of research through, for example, small research grants, commissioned papers and conferences. The Centre will also support research through dissemination activities, including its own working paper series, other publications, a seminar series and the establishment of a public web site. Centre activities will initially be divided into three primary program areas: the Program on Privatization and Contracting-Out; the Program on Regulation and Competition Policy; and, the Program on Productivity, Efficiency and Effectiveness in Government.

Dean Goldberg explained that the proposal had arisen out of meetings that he and Dr. Atkins had with the Dean and Associate Dean of Business Administration at Simon Fraser over a year ago. It made sense, he said, to combine our strengths in looking at the role of business in government and government in business. He noted that Simon

Fraser's Senate has already approved their part of this Centre. He said that the fact that SFU and UBC are joining forces to develop this kind of research activity augers very well for future cooperation.

*Dean Goldberg*
*Dr. Atkins*
} *That the proposal to establish the SFU-UBC Centre for the Study of Government and Business be approved.*

Carried.

**Faculty of Graduate Studies**

**PROPOSAL TO ESTABLISH AN INSTITUTE FOR EUROPEAN STUDIES**

It was explained in the material circulated that UBC proposes the establishment of a permanent Institute for European Studies, which will be funded jointly by the Deutscher Akademischer Austausch Dienst (DAAD), other European governments and their private sectors, and UBC for eight years, thereafter entirely through an endowment. This Institute will be devoted to interdisciplinary research and to graduate education leading to M.A. and Ph.D. degrees.

The problems and opportunities confronting European and Canadian societies in the 21st century will not be those of the last half-century, nor will they be informed through the traditional academic disciplinary perspectives and methodologies that have predominated in Canadian and European universities. Sustained, innovative, genuinely interdisciplinary efforts must be mounted, bringing together scholars of diverse training and backgrounds, historical experience, and cultural sensitivity. The overarching themes of the Institute will be broad and flexible, to encourage not only interdisciplinarity but also a chronological historicity that accommodates geographical and linguistic diversity.

The University will articulate and manage an appropriate budget; will provide space for the Institute in a complex with other internationally-oriented institutes and centres; will hire a Director of the Institute and necessary staff, and will organize a Council and Steering Committee for the management and direction of the Institute; will develop programs for interdisciplinary research by visiting scholars, post-doctoral fellows, and faculty at UBC; will establish an interdisciplinary graduate program leading to M.A. and Ph.D. degrees in European Studies; will hold regular seminars and conferences or workshops, which will bring together scholars from across Canada, Europe and other centres of European expertise; will award fellowships to post-doctoral fellows and graduate students; will also award travel money and seed money for projects.

The University of British Columbia intends to make the Institute for European Studies a distinguished institution which will strengthen ties with Europe; will inform Vancouver, the Province of British Columbia, Western Canada and the rest of the country about issues and themes examined at the Institute; will stimulate notable interdisciplinary scholarship about Europe; and will prepare students to achieve M.A. and Ph.D. degrees in European Studies.

Dean Granot expanded on many of the points contained in the proposal.

*Dean Granot*
*Dr. Birch* } *That the proposal proposal to establish an Institute for European Studies be approved.*

In response to a query, Dean Granot stated that this is a proposal for an academic program, not a physical infrastructure.

Dean Goldberg expressed concern about the budgetary implications of the proposal. Vice President Birch responded that whenever the Board of Governors approves a

recommended new program, a series of new courses, an institute or a centre, the Board puts a rider on it so that they cannot be implemented until the administration has committed the resources concerned. He said that Senate had the assurance in this case that the proposal is based entirely on a realistic plan for an endowment of $10 million. He stated that it would not be in place immediately, but it would be in place progressively over a number of years.

Professor Burns queried the statement in the proposal that the project will be funded jointly by DAAD, other European governments and their private sectors, and UBC. Dean Granot responded that the German government had made a commitment of $2 and a half million operating funds, and that UBC was in negotiations with other European governments for the other $2 and a half million in operating funds, and $5 million will come from endowed matching funds that will in turn grow to $10 million in ten years. Dean Granot confirmed that no general purpose operating funding will be used.

The motion was put and carried.

**PROPOSAL FOR THE ACADEMIC PROGRAM OF THE LIU CENTRE FOR INTERNATIONAL STUDIES**

It was explained in the material circulated that the proposal had the following aims:

- To develop an academic program focusing on the study of global issues.
- To utilize, in collaborative fashion, the skills and methodologies of a number of disciplines, employing a multiplicity of language groups.
- To engage eminent scholars and distinguished practitioners to ensure a systematic and comprehensive plan of study.
- To concentrate on policy-related issues in anticipation of outcomes of value to community, government and international organization decision-makers.
- To house this centre in a physical facility able to accommodate faculty, graduate students and visiting fellows, with appropriate conference, seminar, and reception spaces.

The proposal calls for UBC to assume responsibility to contribute intellectually credible, socially acceptable solutions to that range of global issues which now challenges the future of the human species, and to do so in innovative fashion, creating and managing a network of collaborating centres and institutes within Canada and beyond.

In its initial phase, the centre will bring together four separate units now scattered across the campus:

- The Institute for International Relations
- The Centre for Human Settlements
- The Sustainable Development Research Institute
- The South-North Studies Program

Each will benefit from the synergies of propinquity, human critical mass and economies of scale through common services.

The centres will assume a leadership role in drawing participation from many disciplines and units across the campus including Health Sciences, Agricultural Sciences, and Commerce and Business Administration, as well as others.

Dean Granot highlighted some of the details contained in the proposal.

*Dean Granot*
*Dr. Birch*
} *That the proposal for the Academic Program of the Liu Centre for International Studies "The Study of Global Issues" be approved.*

Dr. MacDougall asked for clarification of the motion since it appeared that the establishment of the centre itself had never been formally approved by Senate. Dean Granot said that she was asking for approval of the program. Dr. MacDougall said that Senate should go on record as having approved the establishment of the centre.

In amendment:

*Dr. MacDougall*
*Dr. MacEntee*
} *That Senate approve the establishment of the Liu Centre for International Studies, with an academic program as outlined in the proposal.*

Carried.

Dr. MacEntee raised a query concerning the approval of an academic program without putting the academic content through the Senate Curriculum Committee. Dean Granot responded that when a degree program is proposed it will have to go through

the regular mechanisms for curriculum proposals. Senate was not being asked to approve all the components that will be part of the project, it was being asked to approve the principle of academic programs.

Dean Goldberg questioned the necessity of a superstructure to house four units which are already operating successfully. Dean Goldberg also expressed concern about the budgetary implications.

Senate agreed that Professor Ivan Head be allowed to comment on the proposal. Professor Head responded to Dean Goldberg's concerns outlining the reasons for the proposal.

Professor Burns spoke in favour of the proposal, stating that the notion of these four units becoming a collectivity was an exciting intellectual adventure which would become a significant part of the campus. He said he was impressed by the way in which the focus centred around the crucial questions which will face the whole world in the next century and felt that the centre could make a significant contribution in finding solutions to the problems raised in the proposal.

Dean McBride, while not speaking against the proposal, was concerned that Senate should be looking at the relative priorities of such proposals and establish which should take precedence. He felt that considering the budgetary problems faced by the University, there was a need to look at the process of establishing priorities.

The motion, as amended, was put and carried.

## Other business

### ESTABLISHMENT OF THE VSE PROFESSORSHIP IN FINANCE

A proposal to establish the VSE Professorship in Finance had been circulated at the meeting. Dean Goldberg presented the proposal. The Professorship will be funded by the Vancouver Stock Exchange, and will enable the Faculty to attract and/or retain a junior or senior scholar of Finance (to be known as the VSE Professor of Finance), one whose major functions will be to provide a strong continuing bridge to the finance profession.

*Dean Goldberg*
*Dr. Atkins*
} *That Senate approve the establishment of the VSE Professorship in Finance.*

Carried.

## 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, as of July 1, 1997:

| | |
|---|---|
| Prof. Elizabeth Jane Akesson | Assistant Professor Emerita of Anatomy |
| Dr. John A. B. Allan | Professor Emeritus of Counselling Psychology |
| Dr. Friedhelm Aubke | Professor Emeritus of Chemistry |
| Dr. Richard W. Bevis | Professor Emeritus of English |
| Dr. Thomas E. Blom | Associate Professor Emeritus of English |
| Dr. Donald J. C. Bures | Professor Emeritus of Mathematics |
| Dr. Richard G. Campanella | Professor Emeritus of Civil Engineering |
| Dr. E. Bruce Carpenter | Assistant Professor Emeritus of French |
| Dr. David Crockett | Associate Professor Emeritus of Psychiatry |
| Prof. Bogdan Czaykowski | Professor Emeritus of History |
| Ms. Clare Daem | Senior Instructor Emerita of Family and Nutritional Sciences |
| Dr. Julian E. Davies | Professor Emeritus of Microbiology |
| Dr. Indrajit D. Desai | Professor Emeritus of Family and Nutritional Sciences |
| Prof. Rene Goldman | Assistant Professor Emeritus of Asian Studies |
| Ms. Florence Goldsack | Lecturer Emerita of Teacher Education |
| Prof. Janet M. Gormick | Assistant Professor Emerita of Nursing |
| Dr. Edmond E. Granirer | Professor Emeritus of Mathematics |
| Dr. Peter Grantham | Professor Emeritus of Family Practice |
| Dr. Walter G. Hardwick | Professor Emeritus of Geography |
| Dr. Garth Jones | Professor Emeritus of Physics and Astronomy |

| | |
|---|---|
| Dr. Hanna E. Kassis | Professor Emeritus of Classical, Near Eastern and Religious Studies |
| Dr. J. E. Michael Kew | Associate Professor Emeritus of Anthropology and Sociology |
| Dr. James P. Kutney | Professor Emeritus of Chemistry |
| Dr. John R. Ledsome | Professor Emeritus of Physiology |
| Dr. Joseph Leichter | Professor Emeritus of Family and Nutritional Sciences |
| Mr. Leonard Lythgoe | Lecturer Emeritus of Language Education |
| Dr. Jack R. Maze | Professor Emeritus of Botany |
| Dr. Thomas Money | Professor Emeritus of Chemistry |
| Dr. Keizo Nagatani | Professor Emeritus of Economics |
| Dr. Philip A. Neher | Professor Emeritus of Economics |
| Dr. George R. Neufeld | Associate Professor Emeritus of Educational Psychology and Special Education |
| Dr. Arsenio Pacheco | Professor Emeritus of Hispanic and Italian Studies |
| Mr. Kanti M. Patel | Senior Instructor Emeritus of Botany |
| Dr. Thomas E. Patton | Professor Emeritus of Philosophy |
| Dr. V. Setty Pendakur | Professor Emeritus of Community and Regional Planning |
| Dr. Grosvenor E. Powell | Professor Emeritus of English |
| Prof. Dino P. Rapanos | Assistant Professor Emeritus of Architecture |
| Dr. S. O. Denis Russell | Professor Emeritus of Civil Engineering |
| Dr. Ronald A. Shearer | Professor Emeritus of Economics |
| Dr. Alfred H. Siemens | Professor Emeritus of Geography |
| Dr. Gordon A. H. Walker | Professor Emeritus of Physics and Astronomy |
| Dr. Elvi W. Whittaker | Professor Emerita of Anthropology and Sociology |
| Dr. Shirley Wong | Associate Professor Emerita of Curriculum Studies |

*Dean McBride*
*Dr. Slonecker*
} *That the recommendations of the Tributes Committee concerning emeritus status be approved.*

Carried.

## Chair's remarks

**SENATE**

Having served for 12 years as Chair of Senate, and on the occasion of his last meeting, President Strangway said that he wished to go on record by making a few observations.

The President noted that over the years, in his discussions with the government about various issues, he would often say that even if you could convince me, there is

no way you could convince Senate. Several ministers and deputy ministers in a row said "we hate Senates." "We are going to change the Act and we are going to eliminate Senates because they stop us from doing what we want you to do on our behalf". After a while, I decided to tone down that rhetoric and not always hold Senate responsible for the tough decisions or for standing up for academic freedom and all the things that this body does. The government did everything in its power to ensure that the new university colleges would have no body that remotely resembles Senate. They did not want a Senate at the University of Northern British Columbia and did everything they could to prevent this. They had to cave in to some extent with all of the institutions.

The President went on to say that Senate is a really key body at UBC, and whatever frustrations and issues there are, this is the body, more than any other body, that stands for and represents the academic freedom and autonomy of this institution. Debates and dialogue, he said, are very key. He hoped that Senate would continue to stand for the academic freedom and autonomy of the institution, because more than any other institution there is nothing that can be done in order to change its decisions. He said that Senate is the key to the success of UBC and has been for the last 80 years.

The President told members that it had been a great pleasure serving Senate and being Chair of Senate. More than anything else, he said, you represent the autonomy and integrity and the academic freedom of this institution. Without you we would not have it. The President ended his remarks by encouraging Senate to keep making statements, whatever the issues are, because it was fundamentally important that Senate stand as the bulwark against those things that are not logical to be done and that take away the autonomy of the institution.

In an expression of appreciation, members of Senate gave President Strangway a standing ovation.

## Adjournment

The meeting adjourned at 10:00 p.m.

## Next meeting

The next regular meeting of Senate will be held on Wednesday, September 17, 1997.

## Appendix A

MANDATED ENROLMENT INCREASE FOR 1997/98
*1997 Enrolment Quota for Students New to Program (Domestic)*

| Faculties | 1995-96 | 1996-97 | 1996-97 Revised | | 1997-98 | | | |
|---|---|---|---|---|---|---|---|---|
| | | Base | M Inc | Total | Base | Inc. VPAcad/B&P[1] | M Inc[2] | Total |
| AGSC | | | | | | 16 | | |
| Agricultural Science | 125 | 125 | - | 125 | 100 | | | 100 |
| Family & Nutritional Sciences | - | - | - | | - | | | |
| Dietetics – year 1 | 10 | 10 | - | 10 | 10 | | 2 | 12 |
| Dietetics – year 2 | 25 | 25 | - | 25 | 25 | | - | 25 |
| Dietetics – year 3 | 5 | 5 | - | 5 | 5 | | 2 | 7 |
| Home Ec – year 1 | 25 | 25 | 3 | 26 | Open | | - | Open |
| Home Ec – year 2 | 20 | 20 | 5 | 25 | Open | | - | Open |
| Home Ec – year 3 | 10 | 10 | - | 10 | Open | | - | Open |
| APSC | | | | | | 145 | | |
| Applied Science year 1 | 450 | 450 | 50 | 500 | 450 | | 50 | 500 |
| year 2 | 513** | 513** | 22 | 535** | 513** | | 4 | 558** |
| Nursing year 1 | 80 | 80 | - | 80 | 80 | | (-25) | 55 |
| year 3 | | | | | | | 25 | 25 |
| ARTS | | | | | | 343 | | |
| Arts year 1 | 1500* | 1500 | 250 | 1750 | 1500 | | 255 | 1755 |
| year 1: Synala program | 10 | 10 | - | 10 | 10 | | - | 10 |
| Arts year 2 | 450 | 450 | 100 | 550 | 450 | | 50 | 500 |
| Arts years 3 & 4 | 350* | 350 | 120 | 470 | 350 | | 40 | 390 |
| Music year 1 | 250] | 250] | - | 250] | 250] | | - | 250] |
| Music years 2 & 3 | Global | Global | - | Global | Global | | - | Global |
| Music year 4 | enrolment | enrolment | - | enrolment | enrolment | | - | enrolment |
| Social Work BSW | 40 | 40 | 4 | 44 | 40 | | 4 | 44 |
| COMM | | | | | | 0 | | |
| Commerce & Bus. Admin. year 2 | 360 | 360 | 50 | 410 | 360 | | 43 | 403 |
| year 3 | 100 | 475** | | 475** | 475** | | 47 | 522** |
| DENT | | | | | | 7 | | |
| Dentistry DMD year 1 | 40 | 40 | - | 40 | 40 | | - | 40 |
| year 3 | | - | 7 (yr2) | 7 (yr2) | 40** | | 7*** | 47** |
| BDSc (1992 New Prog.) | 10 | 10 | - | 10 | 10 | | - | 10 |
| EDUC | | | | | | 110 | | |
| Education B.Ed. (Secondary) | 355 | 360 | 15 | 375 | | | | |
| B.Ed. (Secondary – career prep) | 20 | - | - | - | | | | |
| B.Ed. (Elementary – 12 month version) | 216 | 216 | 36 | 252 | | | | |
| B.Ed. (Elementary – 2 year version) | 106 | 114 | 12 | 126 | | | | |
| B.Ed. (Elementary) NITEP | 30 | 30 | - | 30 | | | | |
| B.Ed. Middle Year | - | - | - | - | | | | |
| Human Kinetics year 1 | 65 | 65 | 8 | 73 | 65 | | - | 65 |
| year 2 | 45 | 45 | 8 | 53 | 45 | | - | 45 |
| year 3 | 60 | 60 | 8 | 68 | 60 | | - | 60 |
| FRST | | | | | | 0 | | |
| Forestry BSFyear 1 | 65 | 65 | - | 65 | 65 | | - | 65 |
| BSF year 2 (NO QUOTA PREV.) | | | | | 40 | | - | 40 |
| B.Sc. (Nat. Res. Cons) year 1 | 20 | 20 | - | 20 | 20 | | - | 20 |
| B.Sc. (Nat. Res. Cons) year 2 (NO QUOTA PREV.) | | | | | 20 | | - | 20 |
| B.Sc. (Forestry) Wood Products Processing - yr 1 | 20 | 20 | - | 20 | 20 | | - | 20 |
| LAW | | | | | | 18 | | |
| Law year 1 | 180 | 180 | 8 | 188 | 188 | | 6 | 194 |
| years 2 & 3 | | | | | 368** | | 12 | 380 |
| MEDI | | | | | | 34[1] | | |
| Medicine year 1 | 120 | 120 | - | - | 120 | | - | 120 |
| year 2 | | | 11 | - | | | 10 | |
| Med. Lab. Sc. | | | 8 | - | | | 8 | |
| Rehabilitation Sciences O.T. | 35 | 35 | 4 | 39 | 35 | | 1 | 36 |
| P.T. | 35 | 35 | 4 | 39 | 35 | | 1 | 36 |
| PHAR | | | | | | 10 | | |
| Pharmaceutical Sciences year 1 | 140 | 140** | 4 | 144 | 140** | | 4 | 144** |
| SCIE | | | | | | 292 | | |
| Science year 1 | 1100 | 1100 | 200 | 1300 | 1100 | | 260 | 1360 |
| year 2 | 250 | 250 | 50 | 300 | 250 | | 20 | 300 |
| year 3 | 150 | 150 | 50 | 200 | 150 | | 50 | 200 |

[1] Increase required in Quota or Course Enrolments to Meet 3.2% V.P. Acad/B&P

[2] Additional new & UBC transfer as mandated increase – Faculty Projection

* Change

** Denotes total enrolment including new admissions

*** Full cost tuition

*Appendix A*

# Forecast Enrolment for 1997/98

| Degree | Year | Actual FTE 1996 | Forecast heads | FT/HC ratio | Forecast FTE | change |
|---|---|---|---|---|---|---|
| AGSC | 1 | 133 | 132 | 0.83 | 110 | -23 |
| | 2 | 113 | 166 | 0.86 | 142 | 29 |
| | 3 | 67 | 75 | 0.86 | 65 | -2 |
| | 4 | 68 | 88 | 0.79 | 70 | 2 |
| AGSC Total | | 381 | | | 386 | 1.4% |
| APSC | 1 | 623 | 538 | 1.18 | 635 | 11 |
| (engineering) | 2 | 647 | 558 | 1.17 | 655 | 8 |
| | 3 | 609 | 636 | 1.06 | 675 | 66 |
| | 4 | 584 | 603 | 1.03 | 621 | 38 |
| | 5 | 37 | 41 | 0.89 | 37 | 0 |
| APSC Total | | 2501 | | | 2623 | 4.9% |
| ARTS | 1 | 1725 | 1898 | 0.91 | 1719 | -5 |
| | 2 | 1441 | 1756 | 0.84 | 1468 | 28 |
| | 3 | 1527 | 2048 | 0.80 | 1644 | 117 |
| | 4 | 1459 | 2135 | 0.71 | 1519 | 59 |
| ARTS Total | | 6152 | | | 6350 | 3.2% |
| COMM | 2 | 480 | 423 | 1.08 | 455 | -25 |
| | 3 | 452 | 527 | 1.00 | 525 | 73 |
| | 4 | 395 | 457 | 0.85 | 398 | -6 |
| COMM Total | | 1328 | | | 1370 | 3.2% |
| DENT | 1 | 47 | 40 | 1.00 | 40 | -7 |
| | 2 | 41 | 47 | 1.00 | 47 | 6 |
| | 3 | 43 | 47 | 1.00 | 47 | 4 |
| | 4 | 43 | 43 | 1.00 | 43 | |
| DENT Total | | 174 | | | 177 | 1.7% |
| EDUC | - | 141 | 141 | 1.00 | 141 | |
| | 1 | 1184 | 1184 | 1.00 | 1235 | |
| | 2 | 214 | 214 | 1.00 | 214 | |
| | 3 | 19 | 19 | 1.00 | 19 | |
| | 4 | 25 | 25 | 1.00 | 25 | |
| | (blan | 11 | 11 | 1.00 | 11 | |
| EDUC Total | | 1594 | | | 1645 | 3.2% |
| FNSC | 1 | 43 | 58 | 0.86 | 50 | 7 |
| | 2 | 57 | 76 | 0.85 | 65 | 8 |
| | 3 | 57 | 62 | 0.87 | 54 | -4 |
| | 4 | 77 | 72 | 0.84 | 60 | -16 |
| FNSC Total | | 234 | | | 229 | -2.2% |
| FRST | 1 | 125 | 134 | 0.90 | 120 | -5 |
| | 2 | 204 | 252 | 0.96 | 243 | 39 |
| | 3 | 137 | 188 | 0.93 | 174 | 37 |
| | 4 | 77 | 136 | 0.77 | 104 | 27 |
| FRST Total | | 544 | | | 641 | 17.8% |
| HKIN | 1 | 73 | 85 | 0.88 | 75 | 2 |
| | 2 | 115 | 137 | 0.82 | 112 | -3 |
| | 3 | 229 | 265 | 0.83 | 220 | -9 |
| | 4 | 157 | 279 | 0.73 | 202 | 45 |
| HKIN Total | | 575 | | | 609 | 6.0% |
| LAW | 1 | 191 | 196 | 1.04 | 204 | 13 |
| | 2 | 178 | 178 | 1.02 | 181 | 3 |
| | 3 | 196 | 220 | 0.88 | 198 | 1 |
| LAW Total | | 565 | | | 582 | 3.0% |

*Appendix A*

| Degree | Year | Actual FTE 1996 | Forecast heads | FT/HC ratio | Forecast FTE | change |
|---|---|---|---|---|---|---|
| MEDI | 1 | 478 | *includes residents and | | 488 | 10 |
| | 2 | 292 | MDs, counted 1-1 | | 300 | 8 |
| | 3 | 294 | | | 294 | |
| | 4 | 236 | | | 236 | |
| MEDI Total | | 1300 | | | 1318 | 1.4% |
| MUSC | 1 | 47 | 47 | 1.03 | 48 | 1 |
| | 2 | 54 | 59 | 1.00 | 59 | 5 |
| | 3 | 67 | 76 | 0.97 | 73 | 6 |
| | 4 | 79 | 83 | 0.85 | 71 | -8 |
| MUSC Total | | 248 | | | 252 | 1.5% |
| NURS | 1 | 97 | 114 | 0.85 | 97 | 0 |
| | 2 | 55 | 64 | 0.87 | 56 | 0 |
| | 3 | 115 | 171 | 0.61 | 105 | -10 |
| | 4 | 119 | 149 | 0.72 | 107 | -12 |
| NURS Total | | 386 | | | 365 | -5.5% |
| PHAR | 1 | 136 | 135 | 0.95 | 128 | -9 |
| | 2 | 127 | 140 | 0.97 | 136 | 9 |
| | 3 | 129 | 129 | 1.00 | 129 | |
| | 4 | 112 | 125 | 0.94 | 118 | 6 |
| PHAR Total | | 505 | | | 511 | 1.2% |
| RHME | 2 | 74 | 74 | 1.05 | 76 | 2 |
| | 3 | 83 | 83 | 1.18 | 83 | |
| | 4 | 61 | 61 | 0.94 | 61 | |
| RHME Total | | 219 | | | 221 | 0.9% |
| SCIE | 1 | 1413 | 1413 | 0.95 | 1349 | -64 |
| | 2 | 1235 | 1505 | 0.92 | 1386 | 150 |
| | 3 | 926 | 1116 | 0.89 | 994 | 68 |
| | 4 | 1032 | 1250 | 0.83 | 1041 | 8 |
| SCIE Total | | 4607 | | | 4769 | 3.5% |
| SOWK | 1 | 46 | 40 | 0.92 | 37 | -9 |
| | 2 | 33 | 53 | 0.85 | 45 | 12 |
| SOWK Total | | 79 | | | 81 | 3.1% |
| Grand Total | | 21389 | | | 22128 | 3.5% |
| | | | Increase: | | 739 | 3.5% |

Notes:

Input for degree registrants (FTE, FTE/HC) comes from IRCOMMON/ENRFTE/UG9596W (various sheets)

Input for forecast sone somr ug9596w and /forecast/apr17

FTE are in terms of 30 credit FTEs, not normal load FTEs

Excludes exchange and visiting students

## APPENDIX B

### COURSE AND CURRICULUM PROPOSALS

*Faculty of Graduate Studies*

ANATOMY

| | |
|---|---|
| Change | ANAT 550 - change description and credits from (2) to (3) |

BIOLOGY

| | |
|---|---|
| New course | BIOL 530 (3) The Biology of the Cell |

CIVIL ENGINEERING

| | |
|---|---|
| Change | CIVL 596 - change description and credits from (6) to (2-6)d |

EDUCATION

| | |
|---|---|
| New courses | MLED 540 (3) Asia-Pacific Narratives as Inquiry on Intercultural Aspects of Language Education<br>HIED 512 Transitions and Access between Schooling and Work<br>HIED 535 Comparative and International Higher Education |
| Change | EDST 601 - change to pass/fail marking |

GEOGRAPHY

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| Changes | GEOG 500 and 520 - delete descriptions, and change titles to:<br>GEOG 500 Contemporary Research Trends in Physical Geography<br>GEOG 520 Themes and Interpretive Issues in Modern Human Geography |

MATHEMATICS

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| Changes | MATH 521, 522 - change title |

MECHANICAL ENGINEERING

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| New courses | MECH 506 (3) Linear Vibrations<br>MECH 563 (2) Robotics: Kinematics, Dynamics and Control |
| Deletions | MECH 565, 566 |

MEDICAL GENETICS

MEDG 535 (3) Genetics and Ethics

METALS & MATERIALS ENGINEERING

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| New course | MMAT 559 (2) Biohydrometallurgy |

OCCUPATIONAL HYGIENE PROGRAM

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| New course | OCCH 550 (1.5-6) Special Topics in Occupational Hygiene |

ZOOLOGY

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| New course | ZOOL 533 (3) Topics in Wildlife Ecology |

***Faculty of Medicine***

COURSES FOR THIRD YEAR TRANSITIONAL CURRICULUM

New courses

ANAE 430 (2) Introduction to Anaesthesia
EMER 430 (4) Emergency Medicine
HCEP 430 (2) Fundamentals of Preventive Medicine & Clinical Epidemiology
INDE 430 (4) Professional Dimensions in Medicine
INDE 450 (4) Senior Elective I
INDE 452 (4) Senior Elective II
MEDI 430 (8) Medicine - Clinical Clerkship
OBST 430 (8) Obstetrics and Gynaecology Clinical Clerkship
ORPA 430 (2) Orthopaedics
PAED 430 (8) Pediatrics
PCTH 430 (2) Therapeutics
PSYT 430 (8) Psychiatry Clinical Clerkship
RADI 430 (2) Principles of Radiological Diagnosis
SURG 430 (8) Surgery