Wednesday, April 23, 1980.

The Eighth regular meeting of the Senate of The University of British Columbia for the Session 1979-80 was held on Wednesday, April 23, 1980 at 8.00 p.m. in the Board and Senate Room.

Present: President D. T. Kenny (Chairman), Chancellor J. V. Clyne, Mr. N. Akiha, Dean G. S. Beagrie, Acting Dean T. R. Bentley, Mr. W. H. Birmingham, Mrs. M. F. Bishop, Dr. E. V. Bohn, Dr. C. B. Bourne, Mr. M. E. P. Braun, Dr. T. H. Brown, Mr. W. G. Burch, Rev. P. C. Burns, Dr. J. G. Cragg, Dr. J. Dahlie, Mrs. L. Daniells, Dr. J. D. Dennison, Dr. A. J. Elder, Dean C. V. Finnegan, Mr. J. J. Fitzpatrick, Mr. H. J. Franklin, Mrs. E. D. Fulton, Dean J. A. F. Gardner, Dr. P. C. Gilmore, Ms. P. Gouldstone, Dr. H. J. Greenwood, Dr. T. D. Heaver, Mr. J. H. Holm, Dr. L. D. Jones, Mr. J. Kulich, Dean P. A. Larkin, Mr. F. Lee, Mr. M. B. Lund, Dean P. A. Lusztig, Dr. D. J. MacDougall, Miss M. C. MacPherson, Dr. A. J. McClean, Dr. J. H. McNeill, Mr. J. F. McWilliams, Rev. J. P. Martin, Miss A. J. Moonen, Mr. C. Niwinski, Dr. R. A. Nodwell, Dr. J. F. Richards, Dean B. E. Riedel, Dr. G. G. E. Scudder, Dr. M. Shaw, Dr. R. H. T. Smith, Dr. G. J. Spitler, Mr. R. S. Szeliski, Mr. G. A. Thom, Mrs. J. C. Wallace, Miss C. L. V. Warren, Miss S. I. Waters, Dean W. A. Webber, Dean L. M. Wedepohl, Dean R. M. Will, Dr. M. D. Willman, Dr. J. L. Wisenthal.

Observer: Mr. J. A. Banham

Messages of regret for their inability to attend were received from Dr. C. E. Armerding, Dr. F. R. C. Johnstone, Dr. W. M. Keenlyside, Dean W. D. Kitts, Dr. D. Lupini, Dean K. M. Lysyk, Mc. C. E. McAndrew, Dr. C. A. McDowell, Dr. V. C. Runeckles, Mr. M. M. Ryan, Mr. R. S. Sigurdson, Dr. J. G. Silver, Dr. J. K. Stager, Miss L. P. Stewart, Mr. B. Stuart-Stubbs, Dr. O. Sziklai, Mr. L. Valg.

Wednesday, April 23, 1980.

Introduction of new student senators

The Chairman welcomed to Senate the following student members:-

Agricultural Sciences
Mr. J. J. Fitzpatrick

Applied Science
Mr. J. H. Holm

Arts
Miss M. C. MacPherson

Commerce and Business Administration
Mr. N. Akiha

Dentistry
Mr. R. S. Wilczek

Education
Mr. F. Lee

Forestry
(Vacancy)

Graduate Studies
Mr. R. S. Szeliski

Law
Ms. L. P. Stewart

Medicine
Mr. W. R. Julien

Pharmaceutical Sciences
Mr. R. S. Sigurdson

Science
Mr. M. E. P. Braun

Members-at-large:
Mr. I. A. Bakshi
Mr. M. B. Lund
Miss A. J. Moonen
Mr. C. Niwinski
Miss S. I. Waters

Minutes of the previous meeting

Dean Larkin)
Dean Finnegan) That the minutes of the Seventh regular meeting of Senate for the Session 1979-80, having been circulated, be taken as read and adopted.

Carried

Wednesday, April 23, 1980.

Senate membership

Declaration of vacancy

As required under section 36 (6) of the Universities Act, the following vacancy on Senate was declared:-

Mr. N. Akiha - student representative of the Faculty of Commerce and Business Administration

From the Board of Governors

Notification of approval in principle of Senate recommendations - subject, where applicable, to the proviso that none of the programs be implemented without formal reference to the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs.

Proposal of the Faculty of Medicine that the existing Division of Medical Microbiology be moved immediately into the Faculty of Medicine and be established as a Division within the existing Department of Pathology/Laboratory Medicine. (P.7341)

Prizes, Scholarships and Bursaries

Rev. Burns)
Dean Gardner) That the new awards (listed in Appendix 'A') be accepted subject to the approval of the Board of Governors and that letters of thanks be sent to the donors.

Carried

Accessibility of marked final examination papers

At the February 20, 1980 meeting a proposed Calendar statement concerning accessibility of marked final examination papers was referred to the Faculties for consideration of its administrative implications with a request that they report back to Senate at the April meeting.

In response, a significant number of Faculties requested that a time limit be specified after which an application to view a marked final examination would not be accepted. All replies emphasized that such access be purely for pedagogic purposes and not bear upon the review of assigned standing which was already provided for under University regulations. It was also recommended that the current rules governing formal examinations remain in effect for the 1979–80 session.

It was proposed that the following Calendar statement, which would take effect with the 1980–81 session, replace item 6 of the current "Rules governing formal examinations":–

Accessibility of marked final examination papers (continued)

"A final examination becomes the property of the University and must remain in the possession of the University until destroyed or otherwise disposed of. No later than one month from receipt of end of session results a student may make written application to the Department Head, Director or Dean, who will make every effort to arrange for the student to view her or his marked final examination paper(s) with the course instructor or designate. The purpose of this exercise is purely pedagogic and distinct from the Review of Assigned Standing."

Dean Will) Dean Finnegan)	That the proposed Calendar statement concerning accessibility of marked final examination papers be approved.

In reply to a query as to why the proposal would not take effect until next year it was stated that since some examinations had already taken place during the 1979–80 session it would not be appropriate to implement the proposal retroactively.

After further discussion the motion was put and carried.

Dean Webber stated that some of the material used by the Faculty of Medicine in conducting examinations was obtained from external sources and was confidential. This matter had been discussed with medical students and it had been agreed that this material be exempt from the Senate proposal provided that the Faculty made available to students as much information as possible without disclosing the actual questions.

Dean Webber) Mr. Niwinski)	That confidential examination material in the Faculty of Medicine be exempt from the Senate proposal.

Carried.

Reports of Committees of Senate

Admissions Committee

Progress report on basic competence in English composition

Dr. Smith presented the following report for information:

"The Committee presented an interim report to the November 14, 1979 meeting of Senate, at which the following resolution was adopted:

"That Senate request the Admissions Committee to continue its search for an independent test of students' writing ability and that the Committee, in conducting its enquiry, consult with interested parties in the University."

The Committee had proposed that before the question of an independent test was resolved, an analysis of the performance of the 1979/80 English 100 class be conducted. The Committee has proceeded on the assumption that its proposal was not inconsistent with the resolution adopted by Senate on November 14, 1979 and the following progress report is presented in this context.

Wednesday, April 23, 1980.

Reports of Committees of Senate

Admissions Committee

Progress report on basic competence in English composition (continued)

"1. Consultation

The Committee has met with representatives of the following groups:

a. the English 100 Committee (Dr. A. Parkin, Chairman; Dr. D. G. Stephens, Acting Head of the Department)

b. the Arts I Committee (Dr. G. Creigh)

c. the English Education Department in the Faculty of Education (Dr. R. McConnell)

d. the Senate ad hoc Committee on English Standards (Dr. R. McConnell, Dr. J. Wisenthal)

The Committee invited comments on the subject from Faculty Deans responsible for programs involving admission of students to the first year of University study (for whom English 100 is a required course). The Committee also invited the B.C. English Teachers Association to submit a brief on the subject. On December 17, 1979 a forum involving several interested groups was held.

2. Literacy at UBC

The University is committed to the principle that its graduates should be literate. Satisfactory completion (preferably in first year) of English 100: Literature and Composition, and the Composition Examination is the generally accepted criterion of literacy. The standard of literacy and student performance in English 100 are inextricably related, and we cannot discuss the literacy problem without reference to English 100. However, the Committee is aware that its primary mandate relates to admissions, not curriculum, although the following statement is part of its terms of reference: "To review performance in relation to admissions policy, and to make recommendations to Senate".

In the past, the literacy problem at UBC has been seen as the degree to which the level of achievement in English 12 (as distinct from overall GPA, or some other indicator) was related to success in English 100. There are several difficulties in making this linkage between English 12 and English 100 because it assumes that grades from all schools on English 12 are equivalent in standard; that members of the English 100 class in any one year are roughly equivalent in their ability to use English as the medium of verbal and written communication; that English 12 is an appropriate preparation for English 100; that all sections of English 100 offer the same experience in terms of content, practice in writing, and assessment; and that it is appropriate to expect completion of the English 100 requirement in the first (or second) year of study rather than in the third or fourth year of study. Our discussions with the several groups identified above cast doubt upon these assumptions to a greater or lesser degree.

The definition of literacy is extremely important. The April 21, 1976 Senate resolution referred to "basic competence in English Composition", which suggests that of the students who are admitted to U.B.C. programs requiring English 100, some are competent writers and some are not. The expectation of the English

Reports of Committees of Senate

Admissions Committee

Progress report on basic competence in English composition

"2. Literacy at UBC (continued)

Department is that students admitted to UBC (who must have at least a P in English 12) and who enrol in English 100 can read with comprehension the assigned texts and can write clear and correct English prose. Presumably, the course is designed to develop these abilities. It should also be noted that English 100 is a prerequisite for all 200-level courses in the Department, and it is not therefore solely a service course.

English 100 is different from all other courses in the University in at least two respects: firstly, it is a long-standing policy that all students admitted to the first year of University study must enrol in English 100 in their first year and must eventually pass the course. There are two exceptions: in the Faculty of Arts, students may complete Arts I instead of English 100. In the Faculty of Agricultural Sciences, enrolment in English 100 may be delayed until the second year. (This practice arose from a proposal presented to the February 26, 1969 meeting of Senate that English 100 not be required of students in the Faculty of Agricultural Sciences.) Secondly, it is the only course excepted from the resolution that no student may enrol in a course for credit more than twice. Thus, English 100 fulfills a University as well as a Faculty or the specific program requirement, and consequently the objectives, organization and content of the course are of interest to a much larger group of people than is normally the case.

3. An Admissions Test

The use of standard tests for streaming (e.g., the English Placement Test) and promotion (e.g., the Composition Examination) is a much less controversial issue than the use of a standard test for admission. There are sharp differences of opinion on this issue. The arguments presented to the Committee against an admissions test include: the limitations of testing procedures increase the possibility of exclusion for many capable students in the "grey area" of achievement; writing ability is never fully learned, there is continuous growth and therefore it is unrealistic to establish a firm threshold of acceptance; and the writing ability of entering students has shown steady improvement in recent years so that the concerns expressed in 1976 are no longer as pressing. The arguments for an admissions test presented to the Committee include: the relationship between English 12 grades and English 100 marks is not a sufficiently strong basis for an informed, reliable and fair admissions decision; the use of EPT scores in conjunction with English 12 grades resulted in more accurate streaming of students in English 100 sections; performance on the Composition Examination and in English 100 demonstrates that students who lack basic competence in writing are being admitted; and a test would assist teachers and students alike by providing a uniform standard against which all performance could be matched.

The Committee feels that two aspects of this issue are of particular significance: firstly, the role of grades on such a test in the admissions process, in place of or in addition to other information (English 12 grades, EPT score, etc.); and secondly, the relative merits of a standard test from a testing agency compared with a test designed and administered by UBC. The first issue can be resolved without

Reports of Committees of Senate

Admissions Committee

Progress report on basic competence in English composition

"3. An Admissions Test (continued)

difficulty: there is widespread consensus that if an admissions test were to be adopted, it should complement information already available in the admissions process. The second issue is much more difficult to resolve because it raises both technical questions of statistical validity, reliability and predictability, and questions of the appropriateness of the use of a standard test developed primarily for use in another country.

a. External tests: There are 23 standard tests listed in the 1978 edition of The Mental Measurement Yearbook (edited by D. K. Buros), most of which are unsuitable (this statement is based on the Committee's reading of the reviews of these 23 tests in The Eighth Mental Measurement Yearbook). The Committee met with a representative of the College Entrance Examination Board in June 1979, to discuss the Composition Test with Essay. While the Committee expressed reservations about the adoption of such a test in its interim report to Senate on November 14, 1979 (reservations that persist), it appears to be the least objectionable of all 23 tests available.

b. An Internal Test: The Department of English has suggested that a two-hour test consisting of the following three components would serve the purpose:

i. an extended (300 to 400 words) piece of writing, which might involve any one of several tasks, depending partly on the interests of the students;

ii. comprehension questions on a passage of plain prose (500 to 800 words);

iii. a proof-reading exercise (300 words).

This proposal assumes collaboration with interested parties in the University in the development of the test; administration in such a way that students could attempt it more than once; and assessment by a committee preferably including experienced post-secondary teachers. The purpose of the test would be to identify with reasonable accuracy those students who are clearly not ready to attempt English 100.

There are several aspects of this proposal that require careful evaluation. Firstly, the development of such a test would not be without cost in terms of time and money. To say that there is a need for validation and reliability assessment is not to question the academic judgement or professional integrity of faculty members in the Department of English (and in other Faculties and Departments of the University who would be involved in such a truly co-operative enterprise). Secondly, the proposal assumes that the test would be taken before the decision on whether a student may enrol in English 100 is taken. This implies that it would be administered before students arrived at UBC (and enrolled in English 100 in their first year) or that the requirement for English 100 to be taken in the first year be relaxed (as is the case in the Faculty of Agricultural Sciences). Thirdly, the assessment of the tests completed by any one group of students would be a formidable undertaking, quite separate from the normal requirements of assessing English 100 and the English Composition tests.

Reports of Committees of Senate

Admissions Committee

Progress report on basic competence in English composition (continued)

"4. The Performance of the 1979/80 English 100 Class

The class is composed of four groups of students: secondary school graduates in 1979, or in 1978 (or earlier); transfer students from a B.C. community college, or a B.C. (or other) university. Much of the proposed analysis will refer to the 1979 secondary school graduates. At this stage, our intention is to use the following variables in the analysis:

a. Senior Secondary School Performance (in English and other subjects)

b. English Placement Test Scores

c. Composition Examination results

d. English 100 standing

e. Completion of a Centre for Continuing Education Workshop

f. Overall standing for the year

5. Plans

The Committee expects to report to Senate reasonably early in the 1980/81 session on this analysis and on the broader question of admission standards and procedures."

Curriculum Committee (See Appendix 'B')

Dr. Wisenthal presented the report which recommended approval of: a new course in Chemical Engineering; new courses, course changes and additional regulations submitted by the School of Architecture; a proposal by the Faculty of Arts that the arrangement to crosslist Sociology 318 and Mathematics 203 be continued with no stated term; unit values and grades for revised Dentistry courses; changes to the First Year of the B.R.E. program and new courses and course changes submitted by the School of Physical Education and Recreation; program changes in Rehabilitation Medicine; course changes and a proposal to introduce an English composition requirement submitted by the Faculty of Science.

Referring to the proposals submitted by the School of Physical Education and Recreation, Dr. Wisenthal pointed out that before recommending approval of proposed changes in the B.R.E. program the committee preferred to await the development of certain courses included in the program and therefore were recommending approval at this time of only the changes to the First Year of the program. Dr. Wisenthal also pointed out that approval of the following new courses proposed by the School of Physical Education and Recreation was being withheld pending clarification: PHED 300, 368, 369 and 400.

Reports of Committees of Senate

Curriculum Committee (continued)

The committee also recommended that proposed changes to Computer Science 215 and 315 be withheld pending further consultation.

Dr. Wisenthal)
Dr. Bentley)

That the proposals of the Faculty of Applied Science, the School of Architecture, the Faculty of Arts, the Faculty of Dentistry, the School of Physical Education and Recreation, the School of Rehabilitation Medicine and the Faculty of Science, be approved.

Carried

Ad hoc Committee on the Implementation of the Universities Act

Dr. Smith presented the report. At the October 10, 1979 meeting of Senate a motion concerning replacement procedures for student representatives on Senate was tabled. As a result of this the committee has since concluded that the existing replacement procedures are adequate. These are outlined below:

Student Representatives

1. The Universities Act, Section 35 (2):

"The senate of each university shall be composed of

(h) a number of full-time students, equal to the number provided in clauses (a) to (f), elected from the Student Association in a manner that ensures that at least one student from each faculty is elected;"

Seventeen students are elected to Senate each year, five at-large and one from each faculty.

Procedures: In September each year the proposed schedule is discussed with the A.M.S. Elections Officer and a proposed schedule is then submitted to Senate for approval.

In 1979 there were five weeks allowed for nominations. These were called for by three advertisements in The Ubyssey, November 16, 20 and 22. The close of nominations has been approved as being the last day of the first term which was December 21, 1979. Each undergraduate society is sent a copy of the advertisement and a supply of nomination forms. Students were then on vaction until January 7, 1980 and there were then two weeks for campaigning before the elections on January 21, 22, 1980.

2. Replacement Procedures

These were adopted at the Senate meeting of April 21, 1976 (the authority for these resolutions is provided for in Section 36 (4) (b) of the Universities Act:

Reports of Committees of Senate

Ad hoc Committee on the Implementation of the Universities Act

Student Representatives

2. Replacement Procedures (continued)

" (4) Where a vacancy arises on the senate, the vacancy shall be filled,

(a) ...

(b) in the case of an elected member, in the manner prescribed by the senate. ")

(a) Student representatives from individual Faculties

That Senate appoint a replacement on the recommendation of the appropriate undergraduate society or societies; the recommendation to be forwarded in writing to Senate by the S.R.A. (now S.A.C.).

(b) Student representatives from the student body at large

That Senate appoint a replacement on the written recommendation of the S.R.A. (now S.A.C.).

3. Term of Office of Student Representatives:

The term of office of a member of senate elected under section 35 (h) is "one year and thereafter until his successor is elected".

4. When no nomination is received:

When no nomination is received for a particular constituency the incumbent is advised that he or she is eligible to continue as the student representative for the particular constituency for another year as long as he or she continues to be a registered student at the University.

Where the incumbent is unwilling or unable to continue the seat remains vacant until the next regular election.

5. Conclusions of the Committee:

The Act requires that the Registrar conduct the elections of student representatives to Senate and the replacement procedures deliberately make provision for appointment rather than election in order to ensure that only one set of elections is conducted each year. The Committee agreed that the present procedures give adequate opportunity for each Faculty to elect a representative each year and make provision for replacement procedures in the event that a student representative for unforeseen reasons has to resign in the middle of a year–term of office.

Wednesday, April 23, 1980.

Faculty of Commerce and Business Administration

Dean's Honour List

Dean Lusztig)
Dr. Heaver)

That the words "Dean's Honour List" be placed on a student's transcript of record if an average of 80% or better has been achieved in the program of an academic year of at least 12.0 units in the first year or 15.0 units in second, third, or fourth years. To qualify a student must pass in all courses; and

That the words "with Honours" be placed on the transcript of record, on the degree certificate and on the degree parchment of students graduating with the B.Com. degree if a student's average over the 36.0 units of the third and fourth years is 80% or better.

Carried

Faculty of Education

Proposal that the Faculty be restructured into University departments

It was stated in the material circulated that the report of the President's Review Committee on the Faculty of Education (February 1979) recommended that the Faculty be restructured into University departments. The Faculty concurred with the recommendation and approved the establishment of the following departments:–

1. A department comprising the present Departments of Educational Psychology and Special Education, to be called The Department of Educational Psychology and Special Education.
2. A department comprising the present Departments of Educational Foundations and Social Studies Education, to be called The Department of Social and Educational Studies.
3. A department comprising the present Departments of English Education, Reading Education and Modern Languages Education, to be called The Department of Language Education.
4. A department comprising the present Departments of Mathematics Education and Science Education, to be called The Department of Mathematics and Science Education.
5. A department comprising the present Departments of Art Education and Music Education, to be called The Department of Visual and Performing Arts in Education.
6. A department comprising the Centre for the Study of Curriculum and Instruction, and the present Departments of Communications Media and Technology, School Librarianship, Early Childhood Education, Home Economics Education, Business Education and Industrial Education, to be called The Department of Curriculum and Instructional Studies.
7. A department comprising the present Department of Counselling Psychology, to be called The Department of Counselling Psychology.

Wednesday, April 23, 1980.

Faculty of Education

Proposal that the Faculty be restructured into University departments (continued)

The School of Physical Education and Recreation will function in part, and under arrangements still to be worked out, as a department of the Faculty and the present Department of Physical Education (Teacher Preparation) will be amalgamated with it.

For the time being, the existing Departments of Adult Education, Higher Education and Educational Administration will be affiliated in a unit that will have quasi-departmental status within the Faculty.

The above names may be subject to revision when regular, as opposed to Acting, Heads are appointed.

Acting Dean Bentley) That the Faculty of Education be restructured
Dr. Dennison) into University departments.

Carried

The meeting adjourned at 9.15 p.m. The next regular meeting of Senate will be held on Wednesday, May 21, 1980.

Secretary

Confirmed,

Chairman

APPENDIX 'A'

New Awards recommended to Senate

Grahame Budge Memorial Rugby Award - A bursary of approximately $300 has been made available by the many Rugby friends and business associates of the late Grahame Budge. This bursary is offered annually to a full-time registered student who is a member of the Varsity Rugby team. The award will be made on or about February 1st of each year, on the basis of academic ability, qualities of character, and demonstrated proficiency in rugby. The winner of the award will be selected by the Awards Office, after consultation with the Chairman of the Men's Athletic Committee, the Director of Athletics and the head Rugby coach. The recipient must have attended U.B.C. for at least one winter session prior to holding the award.

Eugene A. Forsey Essay Prize - An essay prize in the amount of $500 has been made available by the Monarchist League of Canada for the best piece of original research on a topic relating to the historic, political or social significance of the Monarchy, including the role of the Sovereign, the Governor General, or Lieutenant Governors within the Dominion of Canada. Copies of all essays may be retained by the League. By entering the competition, a candidate agrees to allow the League to publish his/her essay or extracts therein, in Monarchy Canada. Interested students should contact the Department of Political Science. Essays must be received by the Department no later than April 1st. The Department reserves the right to withhold the prize should no suitable essays be submitted.

Georgian Club Fiftieth Anniversary Bursary - A fund, established in 1961 by the Georgian Club of Vancouver to mark the 50th Anniversary of it's founding, provides a bursary in the amount of approximately $250 to a woman graduate of the Faculty of Arts or Science who is continuing studies in Librarianship, Social Work, Education, or the Faculty of Graduate Studies towards a higher degree in any field.

Frederick Read Memorial Scholarship - A scholarship in the amount of $250 has been endowed by members of the Law Class of 1948 in affectionate memory of Professor Frederick Read, an original member of the Faculty. The award will be made to a student entering second or third year, for scholarship and contributions to the Law School.

Max B. Walters Cardiology Resident Award - The Dr. Max B. Walters award for excellence in Cardiology has been made possible by donations from colleagues, friends, and patients in recognition of his distinguished service and dedication to education in the field of Cardiology in British Columbia. These donations have established a fund from which the annual income will be awarded to post-graduate students in the Cardiology training program of The University of British Columbia. The award will be made on the recommendation of the Faculty of Medicine, in consultation with the Cardiology Specialty Training Committee, on the basis of good academic standing and overall personal qualities. At the discretion of the committee, the sum may be divided between two or more residents. If no suitable resident is available, this award will not be made.

APPENDIX 'B'

Course and curriculum proposals

FACULTY OF APPLIED SCIENCE

Chemical Engineering

New course CHEM 350 (1) Inorganic Chemistry

SCHOOL OF ARCHITECTURE

New courses	ARCH	306 (1½)	Site Planning and Urban Space
	ARCH	410 (1½)	Workshop: Architectural Graphics
	ARCH	423 (1½)	The Process of Architecture
	ARCH	448 (1½)	History of Theories of Architecture
	ARCH	457 (1½)	Geometry of Built Environment
	ARCH	458 (1½)	Architectural Seminar
	ARCH	459 (1½)	Directed Studies
	ARCH	461 (4½)	Study of Architecture Abroad
	ARCH	498 (1½)	Graduation Design Project: Part I Project Report Preparation

Changes

ARCH 400, 401, 420, 421, 440, 447 - change in title
ARCH 406 - change in description
ARCH 407, 408, 425, 445, 446, 455, 460 - change in title and description
ARCH 441 - change in number, title and description (now 499)

Deletions ARCH 422, 432, 433, 434, 444

Additional regulations:

Arch. 400

Successful completion of Arch. 400 is a mandatory requirement for entry into any further tutorials. Failure requires that the student withdraw from the School for a minimum period of 8 months but he will be permitted to re-register in the subsequent Fall term.

After a review, in certain circumstances, a student who has failed ARCH 400 may be allowed to proceed to another tutorial which then must be completed satisfactorily. Failure of the second tutorial would require that the student withdraw from the School for a minimum period of 12 months.

Graduation Design Project

Part I. Project Report Preparation (Arch. 498 - 1½ credits)

Each student enrolled in Arch. 498 will select a member of faculty from an approved list to act as his mentor. This mentor must approve the topic and agree on the approach the student proposes to take to the graduation project, and record this approval and information on an approved form before the student may register in this course. The student must complete the Project Report by a specified deadline at the end of the term in which he is registered in the course.

APPENDIX 'B'

SCHOOL OF ARCHITECTURE

Additional regulations: (continued)

Part 2. Graduation Design Project (Arch. 499 - 4½ credits)

No student will be permitted to proceed with Arch. 499 until he has passed Arch. 498 and reduced his outstanding course requirements to 4½ units or less, which may then be taken simultaneously with 499 in a final term. Each student enrolled in Arch. 499 shall have a Committee, the Chairman of which will be a member of the faculty chosen from an approved list by the student. The Chairman, in consultation with the student, will appoint 2 additional members to the Committee who may be from the School faculty or the community at large. The student will proceed under the direction of the Chairman who will call a minimum of three meetings of the Committee at appropriate stages of the project to review progress. At the final meeting of the Committee prior to the last day of classes in the term in which the project was begun, the Committee will determine whether the project is complete and the Chairman shall, in consultation with the Committee, assign a grade.

A student who has achieved a passing grade will be required to make a public presentation of his/her work at a date scheduled by the School, and to submit a final report in duplicate by a specified deadline in order to complete the requirements for the degree.

If a fail grade is assigned the student will be required to withdraw from the School for a minimum period of 12 months. He may then register for Arch. 499 and begin again with a new topic, mentor and committee.

If the Committee decides that the graduation project is not complete the student must re-register for the next consecutive term. The student must complete the project by the end of that term. If he fails to do so a fail grade will be assigned and the student will be required to withdraw and recommence as above.

FACULTY OF ARTS

Anthropology and Sociology

Sociology 318 (1½) Statistical Methods I - crosslisting with Mathematics 203 to be continued with no stated term.

FACULTY OF DENTISTRY

Unit values and grades for revised Dentistry courses:

	Department	Course Number	Maximum	Unit Value (if applicable)
1st	ANAT	400	400	
year	ANAT	401	300	
10)	MEDH	400	-	
	ORBI	410	75	1½
	ORBI	411	25	½
	PATH	401A *	100	
	PATH	401B *	100	
	PCDY	410	(25)	½ (no exam til 2nd yr.)
	PHYL	400	400	
	REST	410	75 Total: 1475	1½

APPENDIX 'B'

FACULTY OF DENTISTRY (continued)

	Department	Course Number	Maximum	Unit Value (if applicable)
2nd year 8)	ANAT	425	100	
	MICB	425	250	
	ORBI	420	75	1½
	ORBI	421	100	2
	ORME	420	50	1
	ORME	421	25	½
	ORME	422	25	½
	ORSU	420	25	½
	ORSU	421	25	½
	ORTH	420	25	½
	PCDY	420	25	½ (410 exam included)
	PCOL	425	250	
	PHYL	425	75	
	REST	420	75	1½
	REST	421	50	1
	REST	422	50	1
	REST	423	50	1
	REST	424	50 Total: 1325	1

* Note: Path 401A = section 001 (Pathology)
Path 401B = section 002 (Immunology)

3rd year 12)	ORBI	430	100	2
	ORME	430	75	1½
	ORME	431	75	1½
	ORME	432	25	½
	ORSU	430	125	2½
	ORTH	430	100	2
	PCDY	430	50	1
	REST	430	75	1½
	REST	431	25	½
	REST	432	100	2
	REST	433	125	2½
	REST	434	50 Total: 925	1
4th year 13)	ORBI	440	50	1
	ORME	440	100	2
	ORME	441	25	½
	ORME	442	25	½
	ORME	443	25	½
	ORSU	440	50	1
	ORTH	440	100	2
	PCDY	440	100	2
	REST	440	75	1½
	REST	441	50	1
	REST	442	150	3
	REST	443	50	1
	REST	444	25 Total: 825	½

APPENDIX 'B' (continued)

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

New courses	RECR 101 (1½)	Introduction to Leisure Studies
	PHED 207 (1)	Fencing

Course changes

RECR 296 - change in number, title, description and prerequisite (now 196)

PHED 499 - change in number and description (formerly 461)

Changes to the First Year of the B.R.E. program:

1. Replace the existing requirement for Biology 101 or Biology 102 with 3 units from the following Science courses: Biology 101 or 102, 310, 311, 313, Botany 310, Chemistry 103, 110, 120, Computer Science 101, 115, 200, Geography 101, 102, 103, Geology 105, 107, Mathematics 100, 101, 105, 111, 130, Physics 110, 115, 120, 140.

2. Replace 3 units of physical education activities (two in first year, one in second year) with 3 units from recreation program: Physical Education, Art (Art Education or Fine Arts), Music (Music Education or Music), or Theatre.

3. Delete the requirement of Fine Arts 125 or 251 or 261.

4. Add new course Recreation 101.

5. Add Recreation 196 (formerly 296).

SCHOOL OF REHABILITATION MEDICINE

Program changes:

Second Year

Elective - Social Sciences - 3 units - change to:

Elective (selection to be approved by School of Rehabilitation Medicine) - 3 units

Third Year

Elective - Social Sciences - 3 units - change to:

Elective (selection to be approved by School of Rehabilitation Medicine) - 3 units

FACULTY OF SCIENCE

Computer Science

Change CPSC 404 - change in prerequisite

Geophysics and Astronomy

Change GEOP 120 - add corequisite

APPENDIX 'B'

FACULTY OF SCIENCE (continued)

English Composition requirement:

To qualify for the degree of B.Sc. students must satisfy the English Composition requirement of the Faculty of Science. To do this students must obtain credit for English 100 and must pass the English Composition Test administered by the Faculty of Arts.

Students (including Transfer Students) who have obtained credit for English 100 but who have not passed the Composition Test will write it during Registration Week. The Test will also be given during the December and April examination periods. Students who anticipate difficulty passing the Test are advised to enrol in a remedial English course in the Centre for Continuing Education.