January 16, 1991

The Fifth Regular Meeting of the Senate of The University of British Columbia for the Session 1990-91 was held on Wednesday, January 16, 1991 at 8.00 p.m. in Room 102, George F. Curtis Building.

Present: Vice-President D. R. Birch, (Acting Chairman), Mr. D. A. Anderson, Dr. A. P. Autor, Miss M. D. Bain, Mr. J. A. Banfield, Dean C. S. Binkley, Dr. D. M. Brunette, Professor P. L. Bryden, Rev. P. C. Burns, Dean P. T. Burns, Mr. R. Bush, Dr. D. G. A. Carter, Professor E. A. Carty, Dr. R. L. Chase, Dr. S. Cherry, Dr. T. S. Cook, Dr. K. Dawson, Dr. G. W. Eaton, Dr. A. J. Elder, Mr. E. B. Goehring, Dean J. R. Grace, Dr. S. E. Grace, Dr. R. D. Guy, Dr. S. W. Hamilton, Dr. J. F. Helliwell, Dean M. J. Hollenberg, Dr. M. Isaacson, Miss W. A. King, Mr. O. C. W. Lau, Mrs. L. Lohia, Miss S. A. Mair, Dean M. P. Marchak, Dean B. C. McBride, Dr. H. McDonald, Mr. R. H. McGowan, Mr. B. V. McGuinness, Dr. J. A. McLean, Dean J. H. McNeill, Mr. W. B. McNulty, Dr. A. G. Mitchell, Mr. J. A. Moss, Mr. M. D. Nikkel, Dr. L. Paszner, Dr. R. J. Patrick, Ms. B. M. Peterson, Professor R. S. Reid, Dr. P. Resnick, Mr. M. M. Ryan, Dr. G. G. E. Scudder, Dean N. Sheehan, Dr. L. de Sobrino, Dr. L. J. Stan, Mr. M. Sugimoto, Ms. H. Swinkels, Mr. B. Taylor, Dr. R. C. Tees, Mr. G. A. Thom, Dr. J. Vanderstoep, Dr. D. A. Wehrung, Dr. R. M. Will, Dr. D. Ll. Williams, Ms. N. E. Woo.

Messages of regret for their inability to attend were received from President D. W. Strangway, Chancellor L. R. Peterson, Mr. S. Alsgard, Dr. M. A. Boyd, Miss A. L. Callegari, Mr. N. A. Davidson, Dr. J. D. Dennison, Ms. A. Ironside, Dr. S. Katz, Dr. J. G. T. Kelsey, Dr. M. M. Klawe, Dr. S. C. Lindstrom, Dean P. A. Lusztig, Mr. J. R. G. McQueen, Dean A. Meisen, Mr. B. D. Prins, Dean J. F. Richards, Dean P. B. Robertson, Mr. A. J. Scow, Dr. C. E. Slonecker, Dr. A. Van Seters, Dr. W. C. Wright, Jr.

Minutes of previous meeting

Dr. Tees)
Dr. Sobrino) That the minutes of the Fourth regular meeting of Senate for the Session 1990-91, having been circulated, be taken as read and adopted.

It was pointed out that on page 9877 the sentence which reads: "He felt that either an Astronomy, Geology, or Geography course should be taken in the first year of the majors and honours programs..." should read: "He felt that a Geology course should be taken at some time in the majors or honours programs...".

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

January 16, 1991

Chairman's remarks and related questions

Campus Plan

Dr. Birch stated that at the suggestion of the Senate Committee on Academic Building Needs, members of Senate would be informed of various dates and places where they would be able to hear a presentation by Campus Planning and Development on the campus plan.

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 the formal agreement of the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs.

(i) Proposal of the Faculty of Education to establish the Dorothy Lam Chair in Special Education, and the David Lam Chair in Multicultural Education. (pp.9822-3)

(ii) Proposal from the Health Sciences Co-ordinator to establish a Centre for Health Service Policy and Research. (pp.9823-4)

(iii) Establishment of the following Chairs: (pp.9862-3)

Applied Science
Chair in Mining and the Environment
Clifford Frame Chair in Mining and Mineral Process Engineering
Cominco Chair in Minerals and the Environment (with Science)

Arts
Maclean Hunter Chair in Non-Fiction and Business Writing
Patricia F. Rodgers Chair in Applied Ethics

Medicine
Jack Bell Chair in Schizophrenia
Louise A. Brown Chair in Neuroscience
E. W. Hamber Chair in Medicine
Sauder Family Chair in Paediatric Infectious Diseases

Science
Cominco Chair in Minerals and the Environment (with Applied Science)
Sauder Family Chair in Viral Diseases of Children
Warren Chair in Nuclear Physics

Reports of Committees of Senate

Admissions Committee

Dr. Will, Chair of the Committee, presented the recommendations of the Committee on the following proposals:

Reports of Committees of Senate

Admissions Committee (continued)

Enrolment quotas for 1991-92

	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92
Arts 1	1,500	1,500	1,500	1,500	1,500	1,500
Arts 2	450	450	450	450	450	450
Arts 3	300	300	300	300	300	300
Agric. Science	n/a	n/a	n/a	n/a	n/a	n/a
Applied Science	450	450	450	450	450	450
Architecture	46	45	45	45	45	45
Aud. & Speech Sc.	20	20	25	25	30	30
Commerce & Bus. Admin.	390	390	390	395	395	395
Dentistry	40	40	40	40	40	40
Education - Elem.	n/a	125	225	290	414	336*
- Sec.	n/a	120	165	220	330	355*
- NITEP	n/a	30	30	30	30	30
Fam. & Nutr. Sc.	n/a	n/a	n/a	20	36	36
Fine Arts	n/a	n/a	n/a	n/a	n/a	n/a
Forestry	n/a	n/a	n/a	n/a	n/a	n/a
Land. Arch.	20	20	20	20	20	20
Law	240	240	240	240	240	240
Lib. Arch. & Info. Studies	45	45	60	57	62	70*
Medicine	120	120	120	120	120	120
Music 1	n/a	56	67	60	60	56*
Music 2 & 3	n/a	n/a	33	32	44	30*
Nursing	80	80	80	160	160	160
Pharmacy	140	140	140	140	140	140
Phys. Ed. 1	n/a	n/a	n/a	65	65	65
Phys. Ed. 2	n/a	n/a	n/a	60	60	60
Phys. Ed. 3	n/a	n/a	n/a	45	45	45
Rehab. Med.- O.T.	24	24	30	35	35	35
- P.T.	26	26	30	35	35	35
Science	1,400	1,400	1,400	1,312	1,312	1,312
Social Work						
- Post B.A. 1Yr.	35	35	35	35	30	
- Post B.A. 2Yr.	35	35	35	50	50	
- B.S.W.	30	30	30	12	30	85*

*denotes changes

Dr. Will explained that the reason for the reduction in the quota for Elementary Education was that, in seeking to address teacher shortages, the Faculty had exceeded the expansion for which it was funded this year. He noted that the quota was subject to revision should the Faculty find itself funded for additional enrolment. With respect to the quota of 355 for Secondary Education, Dr. Will stated that this represented current

Reports of Committees of Senate

Admissions Committee

Enrolment quotas for 1991-92 (continued)

capacity, and again, should the funding change, there would probably be an adjustment in the number of students that the Faculty admits.

The increase of eight in the quota for Library, Archival and Information Studies was explained by the fact that the School received additional resources in connection with the new Masters Program in Archival Studies, which will enable them to admit more students.

Dr. Will requested that approval of the revised quotas for the School of Music be deferred. He explained that the School had not reached its quota through direct admissions from Grade 12 or through transfers from the colleges into second and third year. He said that this raised the question as to whether quotas that had not been met for a number of years served any purpose. He stated that the Committee would be discussing this matter with the Director of the School, together with the proposal to reduce the number of transfer students, before making recommendations to Senate.

With regard to Social Work, Dr. Will stated that the School has had a very substantial reduction in faculty resources over the last nine years and the quotas were being reduced in keeping with the present resources.

Dr. Will) That the enrolment quotas for 1991/92
Dr. Elder) be approved.

Dean Marchak drew attention to the quotas for Schools within the Faculty of Arts and suggested that in future quotas for Schools within

Reports of Committees of Senate

Admissions Committee

Enrolment quotas for 1991-92 (continued)

the Faculty of Arts be negotiated in conjunction with the Dean, who is responsible for allocating resources, in order to ensure that realistic quotas are set. Dr. Will assured Senate that in future, the Senate Admissions Committee would consult the Dean.

The motion was put and carried.

Admission requirements for British Columbia/Yukon Secondary School Applicants - Survey Mathematics 12

The Committee recommended that a new course in Mathematics, Survey Mathematics 12, be recognized by The University of British Columbia as eligible for inclusion as one of the eight subjects used in determining the GPA for admissions purposes. Dr. Will explained that this did not change in any way the Mathematics that is required as a prerequisite for almost all the Faculties except the Faculty of Arts (with the exception of Honours Psychology, Physical Geography and Economics). He noted that Simon Fraser University and the University of Victoria had accepted this course for admissions purposes, and that the success of this course was very much dependent upon whether UBC recognizes it for this purpose. He did note, however, that the Admissions Committee was in the process of reviewing the admissions criteria and the eight subjects used to determine admission to UBC, and that the list of courses could change as a result of this review.

Dr. Will)
Dr. Elder) That Survey Mathematics 12 be added to the list of approved Grade 12 courses for admission to the University.

On behalf of the Faculty of Science, Dean McBride expressed reservations about the proposal. He stated that the Faculty was concerned that the course was not provincially examinable. He stated that although the Department of Mathematics agreed that there is room in

Reports of Committees of Senate

Admissions Committee

Admission requirements for British Columbia/Yukon Secondary School Applicants - Survey Mathematics 12 (continued)

the curriculum for a course such as this, they were concerned about the latitude that individual teachers have in choosing topics from the syllabus, since this would result in students having different backgrounds. He stated that the Faculty of Science would not like to see this course used in the calculation of a GPA.

Dean Sheehan spoke in favour of the proposal stating that it would allow more students to take a mathematics course at the grade 12 level, and that it would allow those students who already take Mathematics 12 to take additional Mathematics if they wished. She stated that students who did not now go on from Mathematics 11 to Mathematics 12 may very well be enticed by a course that is a survey type course. She said she understood that the course was going to replace both the Geometry and the Probability and Statistics 12 courses and stated that the BCAMT considered these courses, particularly the probability and statistics course, to be of less academic value and less defined curricula than the survey mathematics course. She stated that spot checks had been done at schools in West Vancouver, North Vancouver, and the Lower Mainland and all were of the opinion that the survey mathematics course will be valuable to students going on to a wide variety of careers, both through post-secondary education and directly into the work force. In conclusion, Dean Sheehan stated that she thought the Ministry of Education had determined that all Grade 12 courses will be examinable, and that eventually the survey mathematics course will fit into that category. She stated that it was understandable that the syllabus might be a bit flexible while the course was being developed. However, she was concerned that if the University were to wait until the course had

Reports of Committees of Senate

Admissions Committee

Admission requirements for British Columbia/Yukon Secondary School Applicants - Survey Mathematics 12 (continued)

been defined, the development of it would not take place, since Grade 12 students would not take the course if they were not going to receive admission credit for it. This would then make the necessary development process much more difficult.

The motion was put and carried.

Admission requirements for British Columbia/Yukon Secondary School Applicants - Hebrew 11

The Committee recommended that the course Hebrew 11, taught only at the Maimonides School, be accepted as satisfying the requirement for an approved language 11.

Dr. Will) That Hebrew 11 be accepted as satisfying
Dr. Elder) the requirement for an approved language 11.

Dr. Will stated that the Committee had received ample documentation concerning this course and was satisfied that it was equivalent to a language 11.

The motion was put and carried.

Admission to the School of Social Work

The Committee recommended approval of the following changes to the Calendar statement concerning admission to the School of Social Work:

"1. Admission to the B.S.W. program is open to persons with a B.A. or equivalent degree and to persons with a minimum of two years of the Bachelor of Arts program at The University of British Columbia, or its equivalent at another university or community college.

2. Applicants to this program will be required:

(a) to have achieved at least a 65% average in course work during the academic year (or equivalent) preceding application for admission;

Reports of Committees of Senate

Admissions Committee

Admission to the School of Social Work

2. Applicants to this program will be required: (continued)

   (b) to have completed a 3 credit course in statistics;
   (c) to have completed at least 6 credits of course work dealing with contemporary social issues and 6 credits of course work dealing with the dynamics of human behaviour, individual or collective. A list of qualifying courses may be obtained from the School;
   (d) to demonstrate to the satisfaction of the School, personal potential and suitability for a career in social work.

3. The deadline for application for admission to the B.S.W. program is February 28. Application forms must be obtained from the School.

4. For students considering application to the program, the School's faculty provides a consultant and advisory service.

5. Given resource limitations, the School may not be able to accept all applicants who meet the foregoing admission requirements.

6. The B.S.W. program comprises 60 credits for students who enter with a Bachelor's degree and 66 credits for those entering the program without a Bachelor's degree or equivalent."

Dr. Will)
Mr. Sugimoto) That the proposed changes to the Calendar statement concerning admission to the School of Social Work be approved.

Carried

Faculty of Dentistry - Admission to the Bachelor of Dental Sciences - Dental Hygiene Degree Completion Program

Dr. Will informed Senate that consideration of the admission requirements for the Dental Hygiene Degree Completion Program was being withheld at the request of the Dean of Dentistry due to his inability to be present at the Senate meeting.

Education Abroad Programs

It was stated in the report that in April 1990, Senate adopted the following guideline:

"Senate should play an active role in advancing reciprocal Education Abroad Programs with foreign academic institutions and should review each program before a formal agreement is concluded. An appropriate

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

Senate Committee should examine the calendar of the foreign institution and other relevant documentation and report to Senate so that Senate can make an informed decision on whether or not to approve an agreement with a foreign host institution for a specified period of time (i.e. 5 years)."

The Committee recommended that Senate approve agreements with the following institutions for a period of five years:

University of California (USA - all nine campuses)
Hastings College of the Law, UCal (USA)
University of Copenhagen (Denmark)
Ritsumeikan University (Japan)
University of Hong Kong
Chinese University of Hong Kong
Yonsei University (Korea)

Dr. Will)
Dean Burns) That agreements with the institutions listed be approved for a period of five years.

Dr. Will explained that, as stated in the report, Senate undertook the approval of the academic exchange programs that UBC was making with a number of overseas institutions. The Senate Academic Policy Committee thought that the Admissions Committee was the appropriate committee to consider such proposals because these exchange students would be entering into classes here and it was therefore felt that it was a concern of the Admissions Committee. He stated that the Committee had looked at a number of these exchange programs, had examined the Calendars, had looked at the opportunities likely to be provided to UBC's undergraduate students, and had subsequently approved the list which was now before Senate.

Dean Marchak referred to the University's agreement with Ritsumeikan University and drew Senate's attention to the fact that this agreement was in place prior to the establishment of Senate's guidelines. Dean Marchak said that the Faculty of Arts would meet the requirements of the

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

agreement because it was too late to do otherwise. She noted, however, that the Faculty was faced with an agreement that affects the academic conditions of the Faculty of Arts and that those agreements were reached without full consultation with the Faculty and the Departments within the Faculty. Dean Marchak said she would urge that, in future, the President, the International Liaison Office, and the Vice President Academic fully consult with the Faculty and academic departments concerned before any agreement is reached with a university abroad. She stated that in principle she was fully in favour of such agreements provided the Faculty and departments concerned had been consulted.

Dr. Will stated that the Committee had not seen the information on Ritsumeikan University, but he did feel that it was the responsiblity of the Senate Admissions Committee to uphold the standards of instruction in the various classes and to see that students are not admitted that do not meet the Senate approved criteria for admission.

Dr. Birch observed that the Ritsumeikan agreement was different in nature from those listed. He stated that those listed provide a framework in which students go to spend a term or a year abroad, undertaking something from the regular curriculum of the other institution which will be chosen in consultation with their own Faculty to meet the requirements of their degree. He said that Ritsumeikan was the only one for which UBC was providing a specially tailored program and he assured Senate that although there had been a number of problems, the Dean of Arts, who had had negotiations with representatives of

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

Ritsumeikan University, would ensure that the integrity of the Faculty of Arts and UBC would be upheld.

Dean Burns in re-emphasizing the remarks of the Dean of Arts, stated that it was inconceivable that the University would willingly, in the future, go forward with an exchange agreement that involved academic commitment without consultation with the academic unit concerned.

In response to a query by Dr. Elder, Dr. Birch explained that the agreement to bring 100 students from Ritsumeikan University to UBC was not part of the Education Abroad Program agreement. He stated that under the Education Abroad agreement with Ritsumeikan, which was already in place, there were several Ritsumeikan students at UBC this year in the Faculty of Arts, and two UBC students were studying at Ritsumeikan. He explained that Ritsumeikan had entered into a joint venture with UBC under which they had advanced half the cost of building a residence, the remaining half being UBC's contribution. It was intended that the residence would accommodate 100 Ritsumeikan students a year and 100 UBC students. The Japanese students would have as a major part of their program, English as a second language, although they will have studied fairly intensively English as a second language for the first year and a half of their program at Ritsumeikan University. He stated that, in addition, the program has two core academic fields: Pacific Rim Studies and Cross-cultural Studies. He stated that there had been some problems in coming to a mutual understanding of what is intended as far as cross cultural communications is concerned. Clearly the intent from Ritsumeikan's point of view is to have a significant number of their

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

graduates over time who have had a Canadian experience and some greater understanding of English and another culture as a result, and who have studied not only with Japanese students but also with Canadian students. He stated that this was problematic since the intent was that the two elements in the core program be taught both by Ritsumeikan faculty coming to UBC and by UBC faculty members and be open to both Ritsumeikan and UBC students. It turns out that this element and the experience of working in the same context as Canadian students is, from their point of view, a very important element in the experience to be provided their students. He stated that it was absolutely essential that units and faculty members concerned be involved before an agreement is reached, and that, of course, had been problematic in this case. Another concern was whether the admission requirement in English be honoured so that neither the Ritsumeikan nor the UBC students are held back. He stated that those students from the 100 who also fully meet all other admission requirements for any given Faculty are expected to be able to register for one or possibly two courses in that Faculty. He reiterated that Senate was being asked to approve the Education Abroad Programs, which is essentialy an exchange by which UBC students studying in the host university would be eligible for UBC scholarships, would pay UBC fees, and would be treated as UBC students. Students coming to UBC from the other universities would pay the fees of their university and would be studying at UBC for credit towards their degree. In conclusion Dr. Birch stated that the Ritsumeikan agreement (not now before Senate) was signed by representatives of UBC last year, and recently members of the Faculty of Arts had been working to catch up with an agreement that

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

had been under development for two years and about which they had had a good deal of information for almost a year.

In response to a query concerning TOEFL scores, Dean Marchak stated that apparently the International Liaison Office had no knowledge of what the Ritsumeikan University TOEFL scores were when the agreement was reached. Although Dean Marchak did not have the scores available she stated that they were somewhere in the range of about 430 to 500, and noted that the requirement in the Faculty of Arts is 580. It was the estimation of the people negotiating at Ritsumeikan that eleven students at the present time were above 550. Dean Marchak stated that this would create problems since the subjects had to be taught in the English language and the agreement reached includes a requirement that the courses be taught for credit in the Faculty of Arts with Faculty of Arts students in them. Dean Marchak stated that, having inherited the agreement, she was willing to teach the Ritsumeikan students but she was not prepared to put those students in a credit course with UBC students. In discussions with Ritsumeikan, they indicated that they wished their students to be in the same classes since their main concern was that their students learn how to function in a North American classroom. Dean Marchak stated that it was hoped that by next year this problem could be alleviated by establishing an interdisciplinary course to teach 100 Ritsumeikan students and 100 UBC students on something such as relations between Japan and North America, and possibly part of it could be taught in Japanese.

In conclusion, Dean Marchak stated that where academic standards are involved, agreements must not be reached by people who are not themselves academics.

January 16, 1991

Reports of Committees of Senate

Admissions Committee

Education Abroad Programs (continued)

Dr. Elder requested that a report on the agreement between Ritsumeikan University and UBC concerning the 100 students be brought to Senate at some future meeting. Dr. Birch confirmed that this could be brought to Senate for information.

The motion to approve the Education Abroad Program agreements with the institutions listed, for a period of five years, was put and carried.

Admission requirements for a Master of Science Program in Occupational Hygiene

It was stated in the material circulated that to be admissible to the program students should have completed a bachelor's degree in such areas as physical or health sciences, engineering or related fields. Before commencing this program, students should have completed university level courses or have equivalent background in calculus, physics, organic chemistry, biology and statistics. Prospective students should consult with a Faculty representative regarding other recommended pre-requisites. Provision may be made for some students to take prerequisite courses as co-requisites in conjunction with the program, extending the courses over a full two year period.

Dr. Will)
Dean Grace) That the admissions criteria for the Master of Science Program in Occupational Hygiene be approved.

Carried

1989 NITEP Admissions Academic Results

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

Reports of Committees of Senate

Admissions Committee

1989 NITEP Admissions Academic Results (continued)

1. NITEP reviewed 35 applications and 23 people registered for the program.

2. A breakdown of students averages shows:

   4 - 1st class standing
   14 - 2nd class standing
   2 - pass standing
   2 - failed
   1 - withdrew.

3. Of the 23 students, 16 completed all UBC courses which they attempted.

French Immersion Courses

Dr. Will drew Senate's attention to the fact that the Ministry of Education will be examining in the French Immersion Program, subjects in Biology, Chemistry, Western Civilization, Geography, History, Physics and Social Studies. He stated that since this was not a substantive matter the Committee recommended that in the Calendar listing for the English course counterparts a footnote be added, in parenthesis, that this also applies to the French Immersion courses that will be offered by the Ministry this year.

Curriculum Committee (see Appendix)

Dr. Sobrino, Chair of the Committee, presented the report.

Faculty of Agricultural Sciences

The Committee recommended approval of curriculum proposals from the Faculty of Agricultural Sciences, subject to the following:

PLNT 408 (3) Agronomy - change description to read: "Management, production, conservation of agronomic crops. Emphasis is on agronomic crops used primarily for forage. Principles of production of food, oil and fibre crops, seed production technology and the use of agronomic and native species in revegetation and reforestation are also included. Prerequisites..."

January 16, 1991

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Arts

The Committee recommended approval of curriculum proposals from the Faculty of Arts, with the exception of the proposed deletion of History 351, 420, 429, 442, subject to the following:

Political Science 349 - delete the following words from the course description: "...deemed essential to a well-grounded undergraduate education..."

The title of SOWK 335 should read: Fundamentals of Social Analysis for Social Work

The title of SOWK 336 should read: Theoretical Foundations of Social Work I.

The title of SOWK 435 should read: Behavioural and Social Issues in Social Work Practice

Dr. Sobrino explained that the reason the Committee was not recommending the deletion of History 351, 420, 429, 442, was because the only rationale given was lack of resources and the Committee does not accept rationales that are not academic.

Dr. Sobrino drew Senate's attention to the new admission statement capping enrolment in Majors and Honours programs in the Department of Political Science. He stated that although the Committee recommended approval of this proposal it did wish to express its concern about the capping of programs in general.

Dr. Sobrino noted that the splitting of Psychology 316, a statistics course, into three courses had led the Department of Statistics to express its concern at the proliferation of statistics courses. He stated that although the Committee was recommending approval, it would be looking into this problem.

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Dentistry - Degree Completion Program in Dental Hygiene (B.D.Sc.)

Dr. Sobrino informed Senate that, at the request of the Dean of Dentistry, the proposal to offer a Degree Completion Program in Dental Hygiene was being withheld.

Faculty of Education

The Committee recommended approval of curriculum proposals from the Faculty of Education, with the exception of Education 301 which had been withdrawn by the Faculty.

Faculty of Graduate Studies

The Committee recommended approval of curriculum proposals from the Faculty of Graduate Studies, with the exception of the proposal to change the Pathology Graduate Program to part-time which was being withheld pending consultation with the Department of Pathology.

The Committee also recommended approval of a Master of Science Program in Occupational Hygiene.

Faculty of Medicine

The Committee recommended approval of curriculum proposals from the Faculty of Medicine, with the exception of the proposed transfer of 500 and 600 level Pathology courses to the Division of Medical Microbiology which have not yet been approved by the Faculty of Graduate Studies.

Faculty of Pharmaceutical Sciences

The Committee recommended approval of curriculum proposals from the Faculty of Pharmaceutical Sciences.

Reports of Committees of Senate

Curriculum Committee (continued)

School of Physical Education and Recreation

The Committee recommended approval of curriculum proposals from the School of Physical Education and Recreation.

School of Rehabilitation Medicine

The Committee recommended approval of curriculum proposals from the School of Rehabilitation Medicine.

Dr. Sobrino)
Dean Hollenberg) That the proposals of the Faculties of Agricultural Sciences, Arts, Education, Graduate Studies, Medicine, Pharmaceutical Sciences, and the Schools of Physical Education & Recreation, and Rehabilitation Medicine, be approved.

Dean Marchak referred to the proposed deletion of History 351, 420, 429, 442, and explained that the Faculty, after a rigorous review of its offerings, had requested Departments to delete those courses which they cannot teach with their present faculty, or where, as in the case of History 420 Evolution of the Canadian Constitution, there are other courses which cover the area adequately, thereby making the course redundant.

In amendment:

Dr. Tees)
Dean Marchak) That History 351, 420, 429, 442 be deleted.

In response to a query by Rev. Burns concerning History 420, Dean Marchak assured Senate that there were courses in Political Science, such as Political Science 402, and also courses in Canadian history that cover the Canadian constitution.

Reports of Committees of Senate

Curriculum Committee (continued)

In response to a query by Mr. McGowan as to whether a student majoring in History could be assured of a place in a course such as Political Science 402, Dr. Elder stated that the she could not give that assurance as approval of students' major programs should be obtained from the departmental advisors.

The amendment was put and carried.

The motion, as amended, was put and carried.

Proliferation of statistics courses and the capping of enrolment in majors and honours programs in Political Science

Dr. Sobrino informed Senate that the Curriculum Committee would be re-establishing its Subcommittee on Statistics in order to deal with the problem of the proliferation of statistics courses.

With regard to the capping of enrolment in majors and honours programs, Dr. Sobrino informed Senate that there were now three programs in the Faculty of Arts that have some kind of capping either by number of students or by the minimum mark required. He stated that the Committee was very concerned about the possibility that a student who satisfies all the minimum requirements of the Faculty of Arts may in fact be incapable of continuing because he or she does not satisfy the requirements needed for any of the individual programs in the Faculty. For this reason the Committee had requested Dr. Sobrino to give notice of the following motion:

> "That the Faculties take the necessary steps to ensure that the capping of enrolment in specific programs does not prevent students who have met the advancement requirements of a Faculty from continuing their studies in some program within the same Faculty."

Reports of Committees of Senate (continued)

Nominating Committee

Dr. Elder, Chair of the Committee, informed Senate that Mr. Lau had resigned from the Committee on Elections and that the Nominating Committee recommended that Miss Sarah Mair replace Mr. Lau on that committee.

Dr. Elder) That Miss Mair replace Mr. Lau on the
Mr. Thom) Senate Committee on Elections.

Carried

General Academic Regulations

The Registrar presented the following proposed changes and additions to Calendar entries for insertion in the 1991-92 Winter Session Calendar had been circulated:

"1. Freedom from Harassment and Discrimination

That the following new calendar entry, prepared by the Race Relations Committee and amended by the Deans and Vice Presidents, be inserted following the paragraph headed ACADEMIC FREEDOM on P21 of the 1990-91 Calendar:

Freedom from Harassment and Discrimination

The University of British Columbia is committed to ensuring that all members of the university community - students, faculty, staff, and visitors - are able to study and work in an environment of tolerance and mutual respect that is free from harassment and discrimination based upon ancestry, country of origin, ethnic origin, gender, sexual orientation, creed, citizenship, age, or disability.

The University may initiate appropriate action against individuals or groups whose behaviour amounts to discrimination or harassment or whose behaviour threatens that environment of mutual respect and tolerance.

2. **Grading Practices**

That the entry on P.23, Col. 1 of the 1990-91 Calendar be revised as follows:

The first paragraph be replaced by:

Individual courses are normally graded as follows:

General Academic Regulations

2. **Grading Practices** (continued)

Percent	Letter-Grade:
90-100	A+
85-89	A
80-84	A-
76-79	B+
72-75	B
68-71	B-
64-67	C+
60-63	C
55-59	C-
50-54	D
0-49	F*

*For those Faculties and Schools where the passing grade is higher than 50%, failing grades will be assigned a letter grade of F.

That the second paragraph be revised to read as follows (new wording underlined)

The Faculties of Dentistry, Medicine, and Graduate Studies, and the Schools of Library and Archival Studies, Nursing, and Rehabilitation Medicine, define Fail (F) as below 60%. Some courses are graded as P (requirements of subject completed satisfactorily, no quality grade assigned) or F. Such courses are excluded from the calculation of averages. Some Faculties indicate degree standing on graduation based on the average for the degree as follows: Class I, 80% or over; Class II, 65% to 79%; Pass, 50% to 64%

That the third and fourth paragraphs remain unchanged.

That the last paragraph be amended to read as follows:

A student .... "Aegrotat" standing (AEG). This standing gives full credit for the course concerned. A letter grade will be awarded and will be converted to a minimum percentage grade for that category for the calculation of averages.

3. **Examination Results**

That the following entry replace that on P.23, col. 2 of 1990-91: Calendar (new wording underlined)

Results of the final examinations in April are mailed to students in the graduating classes by the time of Convocation, and to students in the lower years by approximately June 15. Any student who must meet an application date for another institution prior to June 15 should inform the transcript clerk in the Registrar's Office in order that arrangements may be made to meet the deadline.

Results of final examinations in Term 1 of the Winter Session, in Summer Session, and in Guided Independent Study courses, are mailed to students as soon as possible after they are approved.

General Academic Regulations (continued)

4. **Supplemental Examinations**

That the following entry replace the fifth paragraph under the heading of Supplemental Examinations on P.23/24 of the 1990/92 Calendar (new wording underlined):

In the Summer Session a student who satisfactorily completes a 6-credit course will be granted a supplemental examination in a second subject if the final mark is not less than 40% in the second subject

5. **Transcript of Academic Record**

That the entry on P.24, in the 1990-91 Calendar be revised as follows:

That the first paragraph be deleted.

That the third paragraph be revised to read as follows (new wording underlined):

Each transcript will include the student's complete record at The University of British Columbia. Since credit earned is determined on the results of final examinations, a transcript will not include results of mid-term examinations.

The remaining paragraphs will remain unchanged.

6. **Spring Session, Summer Session**

That the entry under this heading on P.25 of the 1990-91 Calendar be revised to read as follows:

That the heading be changed to SUMMER SESSION and paragraphs numbered 1 and 2 be revised to read:

1. The maximum number of credits for Summer Session in any one Calendar year, is normally 12.
2. All students desiring to obtain formal credit for work done in Summer Session must be eligible for admission on the same basis as for Winter Session.

The paragraph numbered 3. remains unchanged.

7. **Extra Sessional Credit Courses**

That the entry under this heading on P.25 of 1990-91 Calendar be moved to precede the entry for Summer Session (above) and divided into two sections, to read as follows:

OFFICE OF GUIDED INDEPENDENT STUDY
This office is responsible for the administration of degree credit courses offered through guided independent study (distance education) formerly Correspondence Courses.

General Academic Regulations

7. **Extra Sessional Credit Courses** (continued)

OFFICE OF EXTRA-SESSIONAL STUDIES
This office is responsible for the administration of degree credit courses offered in the evenings during the Winter Session; all courses offered during the Summer Session; and the Directed Study Abroad Program.

8. **Student Discipline**

That, as recommended by Dr. A.J. McClean, Associate Vice-President (Academic) the description of Offences under the heading of STUDENT DISCIPLINE, on P.25 of the 1990-91 Calendar, be revised as follows:

For Offence 2 substitute the following:

2. Submitting the same essay, presentation or assignment more than once, whether the earlier submission was at this or another institution, unless prior approval has been obtained.

For Offence 5 substitute the following:

5. Submitting false records or information, in writing or orally, or failing to provide relevant information when requested.

For Offence 8 divide into two, renumbered 8 and 9, as follows:

8. Damaging, removing or making unauthorized use of University property or the personal property of faculty, staff, students or others at the University. Without restricting the generality of the meaning of "property" it includes information, however it be recorded or stored.

9. Assaulting individuals, including conduct which leads to the physical or emotional injury of faculty, staff, students or others at the University, or which threatens the physical or emotional well being of faculty, staff, students or others at the University.

Add the following as Offence 10:

10. Attempting to engage in or assisting others to engage in or attempt to engage in conduct in respect of which disciplinary action may be taken.

Renumber the existing Offence 9 as Offence 11."

The Registrar explained that the majority of the proposals were changes necessitated by issues which Senate had already agreed to, in particular the change in grading practices, the change from units to credits, the combining of a number of sessions, the elimination of a number of sessions, and the combining of the Spring and Summer Session into one session to be named Summer Session.

General Academic Regulations (continued)

Rev. Burns Dean McBride	))	That the recommended changes and additions to the 1991-92 Calendar be approved.

Dr. Cook drew attention to the proposed statement on student discipline and suggested that this item be referred to the Senate Committee on Student Appeals on Academic Discipline.

Dr. Elder Dr. Cook	))	That the proposed revisions to the Calendar statement on Student Discipline be approved for inclusion in the Calendar, subject to the approval of the Senate Committee on Student Appeals on Academic Discipline.

Carried

Professor Bryden referred to the proposed Calendar statement on freedom from harassment and discrimination and the statement on Academic Freedom which currently appears in the Calendar. He stated that most American universities that had introduced this kind of resolution into their disciplinary process had immediately found that there is a conflict between broad notions of academic freedom and broad notions of freedom from harassment and discrimination. He felt that the statement said, in effect, that we think that freedom from harassment is a good idea, academic freedom is a good idea, but we don't know how to resolve one or the other, or any kind of conflict between these two, but we trust the President to do that for us. He felt that Senate ought to be responsible for finding a resolution to the conflict between these generalized statements.

Dean Burns stated that he felt that statements on academic freedom, and freedom from harassment and discrimination were valuable, but that he had difficulty understanding the full range of the statement. He queried the difference between ancestry and ethnic origin, and also pointed out that the inclusion of age was inappropriate since the University does, lawfully,

General Academic Regulations (continued)

discriminate on the grounds of age. He stated that it was unclear as to why age had been included. Dean Burns also drew attention to the sentence which reads: "The University may initiate appropriate action against individuals or groups whose behaviour amounts to discrimination or harassment or whose behaviour threatens that environment of mutual respect and tolerance." and stated that he wanted to know who would be deciding what, and he felt that students ought to know since this statement would be more likely to affect students than faculty. He pointed out that "appropriate action" did not signify whether this was criminal action, disciplinary action, or whether a student's grade would be affected. He also questioned the meaning of the word "groups". He concluded that this statement could be used against students who demonstrate against unpopular speakers. He cited as an example students protesting against a speaker in favour of apartheid, and stated that although this was not harassment in the real sense, the statement could be used against protesters. Should this happen, he felt that he could make a case that the University had interfered with the environment of mutual respect and tolerance. In conclusion, Dean Burns stated that he was concerned about the conflict between academic freedom on the one hand and harassment and discrimination on the other, and although the balance was a fine one he was not at all sure that the balance expressed here was the right one. He stated that he would prefer to see the statement further defined so that Senate could understand exactly what the powers were.

Dr. Will supported the idea of a statement on harassment and discrimination but felt that the one before Senate was not as precise as it should be. He said that there was a lack of legal definition and that the offences had not been spelled out. Dr. Will stated that from his experience on Senate appeals committees he had learned from lawyers that it was very

General Academic Regulations (continued)

important that offences be identified, and also that the process be identified so that when a student is charged with an offence he or she would know exactly who was going to judge them, what the safeguards were, and what the range of penalties would be. He also thought that since the University already had a statement on sexual harassment that there ought to be some cross-referencing to tie the two statements together.

In amendment:

Dr. Will)
Dean Marchak) That the sentence which reads: "The University may initiate appropriate action against individuals or groups whose behaviour amounts to discrimination or harassment or whose behaviour threatens that environment of mutual respect and tolerance." be deleted.

Speaking in support of the amendment, Mr. Anderson stated that he felt that the wording "based upon ancestry, country of origin, ethnic origin, gender, sexual orientation, creed, citizenship, age, or disability" was ambiguous and should also be examined. He felt that with statements such as this there was always the expectation that what is not forbidden is therefore permitted.

The amendment was put and carried.

Dr. Elder drew attention to item 6. Spring Session, Summer Session, and noted that although the report stated that paragraph 3. remains unchanged this was not in fact correct. She stated that paragraph 3 which reads: "A student who has obtained fail standing during the last Winter Session attended may not enrol in Summer Session." was workable when Summer Session commenced in July but that it will not work when the Summer Session begins in May because examination results from the Winter Session would not be available in time for students to enrol. The Registrar agreed to re-word this item.

General Academic Regulations (continued)

Dr. Sobrino suggested that, in view of earlier comments, it would perhaps be better if the statement on freedom from harassment and discrimination were to end with the words "...harassment and discrimination" until the matter had been reviewed.

In amendment:

Dr. Sobrino)
Mr. Anderson)

That the statement on Freedom from Harassment and Discrimination read: "The University of British Columbia is committed to ensuring that all members of the university community - students, faculty, staff, and visitors - are able to study and work in an environment of tolerance and mutual respect that is free from harassment and discrimination."

Dr. Will stated that he did not think the statement should be just shortened and left at that, and he asked for assurance that it would be referred to an appropriate committee of Senate, such as the Academic Policy Committee, to be brought back for the following year's Calendar in a more acceptable form.

Professor Bryden said that he supported the idea of a policy on harassment and discrimination but emphasized that the issues ought to be carefully examined. He also stated that it would be more appropriate if such a proposal were to come from a committee of Senate since the Registrar was not in a position to argue for it.

It was agreed that the shortened version of the statement be included in the 1991-92 Calendar and that the Academic Policy Committee be requested to look into this matter and present a more detailed proposal to Senate.

The amendment was put and carried.

General Academic Regulations (continued)

The motion to approve the recommended changes and additions to the 1991-92 Calendar, as amended, was put and carried.

Other business

Closing of the University

Dr. McLean referred to the recent cancellation of classes due to bad weather and stated that since many faculty, staff and students arrive at the University before 7.00 a.m., in future a more timely decision on the closing of the University would be appreciated.

Engineering Forum

Mr. Nikkel, student representative of the Faculty of Applied Science, announced that in response to the problems caused by the EUS newsletter in March of last year, the Engineering Undergraduate Society had set up a Rights and Freedom Forum to take place on January 31, 1991 from 12.30 to 2.30 p.m. in the Student Union Building Auditorium, and invited members of Senate to attend.

The meeting adjourned at 10.15 p.m.

The next regular meeting of Senate will be held on Wednesday, February 20, 1991.

Secretary

Confirmed

Chairman

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES

Agricultural Economics

Change footnotes (p.47, col.1):

3. ECON 306 or AGEC 310 may be substituted for ECON 201, and ECON 307 may be substituted for ECON 202, with Department head approval.

7. Students may choose from 300 or 400 level courses in the Faculty of Agricultural Sciences, the Department of Economics, and from Comm 297/397, 393, 396, 457 and 458.

Change Second Year program, (p.47, col.1):

Agricultural Sciences Electives[1]	9
AGEC 201	3
AGEC 258	3
AGEC 260[2]	3
ECON 201 and 202[3]	6
Breadth Electives[4]	6
Management/Applied Economics Electives	3
Credits	33

Bio-Resource Engineering

New course BIOE 490 (3) Advanced Biological Waste Systems Design and Management

Deletion BIOE 366

Change in Programs (Second and Third Years):

Second Year
Replace CIVL 215 by CHML 251
Move BIOE 285 from 2nd Term to 1st Term

Third Year - effective September, 1992
Replace BIOE 366 by CHML 351

Food Science

Changes FOOD 258 - change title and description
FOOD 301 - change hours

Soil Science

Change SOIL 311 - change description

APPENDIX

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES (continued)

Plant Science

Program change:

Proposed Calendar Description

PLANT SCIENCE

The department offers opportunities for study leading to Doctoral and Master's degrees and to the degrees of Bachelor of Science in Agriculture, B.Sc. (Agr.), and Bachelor of Landscape Architecture, B.L.A. For information on the Ph.D. and M.Sc. degree programs, see the Faculty of Graduate Studies section of this calendar.

Information on the B.L.A. degree program is given at the end of the Agricultural Sciences section of this calendar.

Fields of study for the B.Sc. (Agr.) degree include agronomy, range management, horticulture, crop physiology, plant pathology, weed science, genetic engineering, plant breeding, applied entomology, and tissue culture, with teaching and research facilities in the main Agricultural Sciences building (H.R. MacMillan Building), the Plant Science Annex, the Horticulture Building and greenhouses, and the Totem Park Field Station (which houses the landscape architecture studios) with its associated arable lands on the Totem and South Campus Fields.

First Year		Second Year	
AGSC 100	0	AGSC 213[2, 3]	3
AGSC 110	3	Agricultural Sciences Core Requirements[2, 4]	9
BIOL 101 or 102	6	CHEM 230	6
CHEM 103 or 110 or 120	6	PHYS 110 or 115 or 120[1]	6
ECON 100[1]	6	BIOL 201[3]	3
MATH 100, 120 or 140	3	PLNT 259	3
MATH 101, 121 or 141	3	Unrestricted Electives[9]	3
ENGL 100[1]	6		
	33		33

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science

Program change: (continued)

Third & Fourth Years

AGSC 300	2
AGSC 410[5]	3
Breadth Electives[6]	6
Ecology[7]	3
PLNT 321 or Equivalent	3
PLNT 324	3
PLNT 331	3
PLNT 336[3]	3
PLNT 338	3
PLNT 423[5]	2
PLNT 498 or 499[5]	3 or 6
Program Electives[8]	24 or 27
Unrestricted Electives[9]	12 or 6
	70

Notes:

1. Students enrolling in CHEM 110 or 120 require a suitable Physics course as a co-requisite and therefore may be given permission to defer ENGL 100 or ECON 100 until second year.

2. Some or all of these requirements may be deferred to third year but no later.

3. Students specializing in Rangeland Resources are recommended but not required to take AGSC 213, BIOL 201, and PLNT 336.

4. Students are required to take a minimum of nine credits of courses offered outside the Department of Plant Science but within the Faculty of Agricultural Sciences. In order to meet this requirement, students in the Department of Plant Science are required to take SOIL 200 in second year. The remaining six credit minimum should normally be selected from the following: AGEC 201 or 258, ANSC 258, BIOE 258, FOOD 258 or 259, SOIL 204. AGEC 258 and ANSC 258 are both required of students specializing in Rangeland Resources.

5. Students may not register for these courses before fourth year. However, they should note the requirements for PLNT 498 and 499 described in the section of the Calendar dealing with Courses of Instruction. PLNT 499 may require PLNT 322, or suitable equivalent, as a prerequisite.

6. Each student's program must contain a minimum of 6 credits of electives chosen from the humanities, creative and performing arts or social sciences and approved by the Academic Advisor.

APPENDIX

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science

Program change: (continued)

7. Students are required to complete one course in ecological principles. Recommended courses include BIOL 303, FRST 205, or equivalent.

8. Students should select an appropriate academic curriculum, as approved by a Department Academic Advisor. At Least 12 credits of the program electives must be at the 400 level or above. Students registering for PLNT 499 may require PLNT 322, or suitable equivalent, as a prerequisite.

9. These electives may be chosen to develop additional depth in a specific field of interest in plant biology, to provide additional breadth of knowledge in science or agriculture, or to pursue general interests in arts and humanities.

Rangeland Resources

In addition to the requirements listed above, students specializing in Rangeland Resources are required to take the following courses: ANSC 421 (3), BIOL 302 (3), ECON 370 (3), PLNT 258 (3) PLNT 304 (3), 326 (3), 401 (3), 404 (3), 408 (3). Recommended electives include AGEC 374 (3), ANSC 322 (3), FRST 442 or GEOG 370 (3), SOIL 416 (3).

Entomology

Courses of study in entomology are offered through the Department of Plant Science, the Faculty of Forestry and the Biology Program. The Department of Plant Science offers courses in economic entomology, insect ecology, insect physiology, pesticides, biological control and plant disease vectors. Forestry offers courses in insect ecology and the special problems of forest entomology and forest protection. The Biology Program offers an introductory course in general entomology, and courses in insect ecology and physiology, cross-listed with Plant Science. The Department of Zoology maintains a museum collection and specialized library.

At the graduate level, research guidance is available in problems relating to classification, structure, function and bionomics of insects, as well as in specialized areas such as biological control, genetics and plant-insect relationships. There are also opportunities for graduate study in population biology, ecological genetics and mathematical modelling of biological processes. Cooperative research on ultra-structure, biology and population dynamics of plant-disease vectors can be arranged with the Vancouver Research Station of Agriculture Canada, located on campus.

The following description should replace the current calendar description on page 360, column 2.

NOTE: Biology 101, 102 or 103 is a prerequisite for all Plant Science courses except Plant Science 259, 315, 316, 321, 322, and 410. Plant Science 259 is normally an additional prerequisite for all 300 and 400 level courses except Plant Science 315, 316, 321, 322, and 410.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science (continued)

Deletions PLNT 110, 400, 405, 406, 407, 412, 426, 433, 437, 438

Changes PLNT 324 - change title and description
PLNT 331, 404 - change description and hours
PLNT 408 - change title, description and hours
PLNT 410 - change number, title and description (formerly 314)
PLNT 411, 414 - change title, description, hours and prerequisite
PLNT 417 - change descripion, hours and prerequisite
PLNT 418 - change title and description
PLNT 424 - change number, title, description and hours (formerly 325)
PLNT 432, 435 - change description and hours
PLNT 499 - change description and prerequisite

New PLNT 409 (3) Turf Management

B.L.A. Program

Changes LARC 320, 420 - change title

FACULTY OF ARTS

Anthropology and Sociology

Change in Program Statement:
Under **ANTHROPOLOGY;** under both **Major** and **Honours,** change the statement, "Three units from among Anthropology 302-304 ..." to read:
Six credits from among Anthropology 302-304, 315, 350-353, 401-405.

New SOCI 328 (3/6)d Sociological Data Analysis

Changes SOCI 465 - change in credits to: (3/6)d

Change to **List A and B**
Move the following courses from List B to **List A:**
Anthropology 200
Sociology 200

Asian Studies

Deletion ASIA 309

Cross listing with History:
Change ASIA 360 - change in title, add: Same as HIST 389.
ASIA 322 - add: Same as HIST 386.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Asian Studies (continued)

New	ASIA 424 (3-6)d	Topics in Classical Japanese Literature
Changes	CHIN 413, 414 - change in title, description	
New	JAPN 104 (6)	Basic Japanese Grammar

Classical Studies

Deletion	CLST 304	
New	CLST 311 (3)	Women in Antiquity: in Bronze Age, Classical Greek, and Hellenistic Cultures
	CLST 312 (3)	Women in Antiquity: in the Roman World of Republican and Imperial Times, Pagan and Christian

Change in **Honours** - program statement:
Change last paragraph to read:
The Department is prepared to arrange Honours programs in collaboration with other departments (e.g. French, Hispanic and Italian Studies, English, Religious Studies).

English

Changes	ENGL 201, 450 - change in description	

Change in program requirements:
Under **Requirements for the Language Emphasis** - program, change 3 to read:
3. At least 12 more credits from the following list 304, 306, 307, 321, 322, 323, 324, 325, 326, 340, 341, 350 etc.

New	ENGL 308 (3)	The Theory and Application of Rhetorical Criticism

Fine Arts

Change in program description
Third Year
At least 36 credits ... Fine Arts 340 or 343 (6 credits)

Changes	FINA 281 to 290, 373, 375 - change in hours	
	FINA 487 - change in number, prerequisite (formerly 486)	
	FINA 289 - change in description, hours	
New	FINA 386 (6)	Intermediate Photography
	FINA 390 (6)	Studio Media: Photography
	FINA 486 (9)	Advanced Photography

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS (continued)

French

Change FREN 330 change in number (formerly 416)
FREN 354, 460, 462, 464 - change in prerequisites

New
FREN 370 (3) Introduction to French Linguistics
FREN 440 (3) Computer Applications for French
FREN 441 (3) Computer Applications for French, II
FREN 476 (3) Description of Spoken French - Method of Syntactic Analysis
FREN 477 (3) Description of Spoken French - Application to a Corpus

Changes FREN 411, 417, 419 - change in hours, credits to: (3/6)d
FREN 407, 408, 409, 410, 412, 414, 415, 418, 425, - change in description, hours, credits to: (3/6)d
FREN 456 - change in description, credits to: (3/6)d
FREN 430 - change in number, prerequisite (formerly 421)
FREN 472 - change in description, hours, prerequisites, credits to: (3.6)d
FREN 473, 475 - change in hours, prerequisite, credits to: (3.6)d

Change in Literature Requirement Statement
Under **Literature Requirement** change third paragraph to read:
French 220, 330, and all 400-level literature courses in French except 401, 420, 499.

Change in program statement
Under **Major in French with emphasis on Language**
Third and Fourth Years
French 352 and 370 and either 450 or 452, and ...

Under **Honours in French with emphasis on Language**
Third and Fourth Years
six credits in literature courses numbered 300, 330, 407-430 ...

Under **Major in French with emphasis on Literature**
Third and Fourth Years
...literature courses numbered 300, 330, 407-430.

Under **Honours in French with emphasis on Literature**
Third and Fourth Years
... literature courses numbered 300, 330, 407-430.

Under **Notes**, change first sentence to read:
French 202 or its equivalent ... literature courses numbered 300, 330, 401 and above.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

French (continued)

At the end of the French entry add:
A brochure describing each year's offerings of the Department of French in more detail is available from the departmental office. Students should obtain and consult this brochure before selecting courses.

Geography

New	GEOG 316 (3)	Geography of Natural Hazards

Changes GEOG 110 - change in title, description, hours
GEOG 200, 300 - change in title, description

Germanic Studies

New	GERM 304 (6)	Intensive Advanced German I
	GERM 320 (3/6)d	German Literature from the Post-Romantic Period to 1900
	GERM 321 (3/6)d	German Literature from 1900 to the Present
	GERM 350 (3/6)d	Enlightenment and Classicism
	GERM 351 (3)	The Romantic Period
	GERM 450 (3)	German Literature of the Middle Ages
	GERM 451 (3)	German Literature of Renaissance and Baroque

Changes GERM 100 - change in description, hours
GERM 104 - change in title, description, hours
GERM 110 - change in description, prerequisite
GERM 200, 300, 310 - change in title, description, prerequisite
GERM 204 - change in title, description, prerequisite, hours
GERM 210 - change in description, hours, prerequisite
GERM 410 - change in title, description

Deletions GERM 320, 350, 450

Changes to **List A**
Change the list under German to read:
German 100 (6), 104 (12), 110 (6)*, 200 (6)*, 204 (12)*

Changes to **List B**
Change the list under German to read:
German 210 (6), 300 (6), 304 (6)

Changes to Program description
Under **GERMANIC STUDIES** make the following changes:
No previous knowledge: German 100 and 204,
or German 104 and 300 (or 304)
or German 100 and 200 (to be followed by German 300 in third year)
With Grade 11 or 12: German 200 and 300 (or 304)
or German 204 and 310
With Untutored knowledge of German: German 110 and 210

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Germanic Studies (continued)

Students with secondary-school German or German-language background will be required to take a placement test before the beginning of classes.

Third and Fourth Years:
German 300 or 304 (if not taken in second year), 310, 320/321, 350/351, 450/451, and six additional credits of German courses 402-423.

Honours in German
...
Third and Fourth Years
German 300 or 304 (if not taken in second year), 310, 320/321, 339, 350/351, 439, 450/451, and six additional credits of German courses 402-423.

Students may submit a six credit Honours essay (German 449) in place of 330 or any other six credits of senior work, aside from required courses.

A course in European history with emphasis on German-speaking countries. See Honours adviser.

One university-level course in a language other than English or German.

Notes: 1. Courses are offered in German and in Germanic Studies, the latter including an elementary and an intermediate course in Swedish.
2. Literature courses numbered 402 or above are not normally given every year. The Department should be consulted as to whether three-credit courses will be given in the first or second term.

History

New	HIST 352 (6)	The Social History of Latin America Since 1760
	HIST 353 (6)	Politics and Society in Latin America Since 1820
	HIST 452 (3)	Selected Topics in the History of Mexico

Changes HIST 250 - change in number, description (formerly 350)
HIST 387, 388 - change in description
HIST 443 - change in title, description, credits to: (6)

Deletions HIST 351, 420, 429, 442

Change to **List B**
Under History in **List B**, add: 250 (6)

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS (continued)

Latin American Studies

New Thematic Option for General B.A. Program:

Calendar Statement:
LATIN AMERICAN STUDIES
Several courses in the Faculty of Arts have Latin Ameircan content. Students may wish to approach Latin American Studies as a Thematic Option with the General B.A. Program. This course of studies is designed to provide a coherent and interdisciplinary program for students with an interest in Latin America. Students will normally enter the program after completing their first sixty credits. Before entering the Latin American Studies Thematic Option students are required to complete either Hisotry 250, Spanish 211 or Anthropology 202 (when applicable) and twelve credits of Spanish or Portuguese.
Three distinct programs are available: Latin American Art; Latin American Literature; and Latin American History. A detailed brochure is available in the General B.A. Office.
Courses on Latin America:
Anthropology 323, 353
Fine Arts 363, 365, 463, 465
Geography 395, 495
History 352, 353, 450, 451, 452
Portuguese 307, 392
Spanish 305, 312, 363, 464, 467, 468
Examples of other courses which may have Latin American content (check with Departments:
Anthropology 411
Geography 352
Students interested in the Latin American Studies Thematic Option should contact Dr. Shirley Sullivan in the General B.A. Office at 228-4067.

Change in program requirements
Under **General Program** at the end of the column change the paragraph to read:
... degree programs (such as Canadian studies, Latin American studies, native studies, ethnic studies, ...

Mathematics

Change in Calendar statement
Under **Honours** change list to read:
First and Second Years[1]
Mathematics 120 and 121 (or 100 and 101)
Mathematics 223 and 315
Mathematics 226 or 200[2]
Mathematics 227 or 201
Mathematics 220[2]

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Mathematics (continued)

Third and Fourth Years:
Mathematics 300, 320, 321, 322, 323 (15 credits)[3]
15 credits[2] from Math 400-403, 414-429, 440, 449[4]
9 additional credits of Mathematics courses numbered 300 or above.
Notes
[1]Computer Science 124/126 (or 118), Physics 120 (or 115 or 110), and Physics 200 or 206 are recommended.
[2]Students obtaining a second-class mark in Math 226 are not required to take Math 220.
[3]A second-class overall average is required in these 30 credits to obtain an Honours degree.
[4]Math 449 is highly recommended.
...
Special Honours Programs in Mathematics and Another Subject
...
Third and Fourth Years:
Mathematics 320 and 321 (6 credits)[1]
9 credits[1] chosen from Math 300, 301, 316, 322, 323, 331
12 credits[1] chosen from Math 400-403, 414-429, 440, 449.
Other subject: as specified by the other department.
Note:
[1]A second class overall average is required in these 27 credits to obtain an Honours Mathematics degree.

Political Science

Change in Program statement:
Change entry under **Requirements for the B.A. degree** to read:
Major
Second Year
Political Science 200, and two from 220, 240, 260. Students are normally expected to complete these requirements in their second year, and must have completed at least two of the courses before applying for admission to the program.

Third and Fourth Years
60 credits, including:
Political Science 349 and 380, normally to be completed in the third year of the program (Political Science 340 may be taken in lieu of Political Science 349);
24 additional credits from Political Science courses numbered 300 and above (21 credits if Political Science 340 is taken);
30 additional credits, of which at least 12 must be taken in departments other than Political Science.

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Political Science (continued)

Honours
Second Year
As for the major.

Third and Fourth Years
72 credits, including:
Political Science 340, 380, 390, 490, 491;
9 additional credits from Political Science courses numbered 300 and above;
30 additional credits, of which at least 12 must be taken in other departments.

Admission and Promotion
Admission is not automatic to either the Major Program or Honours Program in Political Science. Students must submit a formal application. Because there are a limited number of spaces, some applicants who satisfy the minimum prerequisites may not be admitted. Students comtemplating a Major or Honours Program in Political Science are strongly encouraged to seek information and advice from the department at the end of their first year. Applications for admission to either program should be submitted by mid-June prior to registering for the third year. (Specific deadlines will be published each year in the **Program Planning and Advising Information** guide.) Application forms, which are available from the Political Science Department office, should be accompanied by official transcripts from all post-secondary institutions attended.

Major Program
Selection for admission to the Major Program will be based on overall standing (average) in the best 48 credits earned to date toward the B.A. program. These 48 credits must include all courses taken in Political Science, as well as English 100 (or its equivalent). The minimum standing for admission to the Major program will vary from year to year according to the number of applicants and the number of seats available in the 300-level required courses.

Admission and Promotion

Major Program (continued)
Promotion to the fourth year of the Major Program will be automatic for students in the third year of the program whose work meets university standards for continuing. For students not in the third year of the program, admission to the fourth year will be allowed, in exceptional circumstances, for (a) transfers from colleges or other universities or (b) students at UBC who have performed well in Political Science courses in their third year but are not in our Major Program. Selection of applicants from these categories will be based on overall standing (average) of the best 72 credits earned to date toward the B.A. program. These 72 credits must include all Political Science courses and English 100 (or its equivalent).

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Political Science (continued)

Honours Program

To be accepted into the Honours Program, students normally require a first-class mark in at least one Political Science course and a 75% average overall in their second year.

Promotion to the fourth year of the honours program requires (a) a first-class mark in at least one Political Science course during the third year, (b) a minimum of 75% in Political Science 390 and (c) a 75% average overall in th third year. Occasionally, an outstanding student from the third-year Major Program may be admitted directly to fourth-year Honours.

Graduation in the Honours Program normally requires (a) a first-class mark in at least one Political Science course during the fourth year, (b) a minimum of 75% in both Political Science 490 and 491 and (c) a 75% overall average in the final two years. Students not meeting these standards but nevertheless satisfying all other university requirements for graduation will be awarded a B.A. in the Major Program.

New	POLI 349 (3)	Modern Political Philosophy: Concept, Themes and Thinkers

Changes
POLI 260 -change in hours, credits to: (3)
POLI 320, 321, 322, 323, 324, 360, 361, 364, 385 - change in hours, credits to: (3/6)d
POLI 340 - change in description

Deletion POLI 280

Psychology

New	PSYC 333 (3)	Memory: Historical, Clinical and Cognitive Perspectives
	PSYC 334 (3)	Memory: Biological, Developmental Social/ Personality and Applied Perspectives
	PSYC 336 (3)	The Psychology of Language I
	PSYC 337 (3)	the Psychology of Language II
	PSYC 314 (3)	Health Psychology
	PSYC 355 (3)	Fundamentals of Cognitive Science
	PSYC 302 (3)	Infancy

Changes PSYC 316 - split into three courses:

PSYC 317 (3)	Research Methods and Design
PSYC 318 (3)	Analysis of Behavioural Data
PSYC 464 (3)	Advanced Research Methods in the Behavioural Sciences

Deletion PSYC 409

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Psychology (continued)

Change in degree requirements
Under **Requirements for the B.A. Degree** - change to read:
Major
...
Third and Fourth Years
Psychology 316 or Psychology 317 and 318 (to be taken in third year)
At least 24 additional Psychology credits including:
at least 6 credits of: Psychology 300, 301, 302, 303, 305, 308, 314, 336 or 337;
at least 6 credits of: Psychology 304, 306, 307, 309, 310, 313, 333, 334 or 360.

Note: Students who are contemplating graduate studies or other research activities in Psychology are urged to take Psychology 464 in addition to the above minimum requirements for the B.A. degree.

Under **Honours** - change to read:
...
Third Year
A minimum of 36 credits taken concurrently including:
Psychology 312 and either 316 (Honours Section) or 317 and 318.
Fourth Year*
A minimum of 36 credits taken concurrently including Psychology 449 and at least six credits of a Psychology laboratory course numbered above 400.
* In addition, during third and fourth years, and Honours student must take: at least 12 credits of: Psyc 300, 301, 302, 303, 305, 308, 314, 336 or 337, and at least 12 credits of: Psyc 304, 306, 307, 309, 310, 313, 333, 334, or 360.

Under **General prerequisites for all 300- and 400-level courses:** change to read:
...
1. Psychology 100, 200,, 260, or 206 all serve as acceptable prerequisites for 300, 301, 302, 305, 308, 320, 321, and 336.
...

Religious Studies

New	RELG 311 (3)	Jewish Literature in Translation
	RELG 312 (3)	Jews and Judaism in Canada
	RELG 480 (3)	Women and Religion

Changes RELG 308 - change in number, title and description (formerly 208)

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Religious Studies (continued)

Change in Program Statement:

Under **Requirements for the B.A. Degree** - change to:

Major
First and Second Years
A minimum of 6 credits of Religious Studies 100, 202, 204, 205
Third and Fourth Years
30 credits to be selected from Religious Studies courses numbered 300 or above.
Subject to the approval of the Department, a maximum of 12 credits of the following courses may be accepted for credit toward a major in Religious Studies:

ANTH 333 The Analysis of Myth
ANTH 415 Religion and Society
ASIA 325 History of Chinese Thought
ASIA 360 The Making of the Sikh Tradition
CLST 305 Classical Myth and Religion
ENGL 311 Literature of the Bible
FINA 353 Buddhist Art of Japan
HIST 372 Ideas and Institutions of the Middle Ages
ITST 310 The Divine Comedy in Translation
LATN 305 Medieval Latin
MUSC 327 Liturgical Music I
MUSC 427 Liturgical Music II
PHIL 373 Medieval Philosophy A
PHIL 383 Medieval Philosophy B
SOCI 463 Sociology of Religion

Honours
Admission

A minimum of 6 credits of Religious Studies 100, 202, 204, 205.
Third and Fourth Years

A program will be devised for each student, consisting of 36 or more credits and including a graduating essay, Religious Studies 499. Continuation in fourth-year Honours is conditional upon maintaining at least second-class standing.

Students who intend to do graduate work are advised to choose an area of concentration (see below) in the third and fourth years and to acquire some proficiency in the appropriate cononical language(s). For languages other than Arabic and Hebrew, see the listings of the appropriate department.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Religious Studies (continued)

Areas of Concentration (for Major and Honours):

a) **Asian Religions:** 204, 354, 361, 364, 365, 366, 367, 430, 452, ASIA 360
b) **Christianity (Post Biblical):** 205, 315, 321, 323, 326, 327, 420, 421, 422
c) **Hebrew Bible and the Ancient Near East:** 300, 303, 306, 403; HEBR 305, 405
d) **Islamic Studies:** 202, 340, 341, 448, 449; ARBC 300, 400
e) **Judaic Studies:** 202, 308, 309, 310, 311, 312, 407, 408, 409
f) **Near Eastern Languages and Literature:** 202; ARBC 300, 400; HEBR 305, 405; courses from areas c) or d)
g) **New Testament:** 202, 303, 314, 414, 415.

Changes to **Lists A and B**
Delete from **List B**: Religious Studies 205 (3)
Add to **List A**: Religious Studies 205 (6), Arabic 300 (6)
Add to **List B**: Arabic 400 (6)

Theatre and Film

Change all "Theatre" Calendar entries to: **"Theatre and Film"**
Add "Theatre" or "Film" or "Theatre and Film" after each faculty member's name, as appropriate.
p. 163, col. 2, (1990/91 Calendar) under **THEATRE**, change paragraph starting "The Department of Theatre ..." to: **"The Department has a ..."**
p. 97, col 2, under **THEATRE** change the first paragraph to read:
"The Department of Theatre and Film offers programs of study that lead to the degrees of Ph.D., M.A., M.F.A., B.A., and B.F.A."
Second paragraph: change "four distinct" to "three distinct".
Delete 2.B.A. in Theatre (Film.Television) from the list.
Delete lines: "Major in Film/Television" down to **"Honours in Theatre"**
p. 98, col. 1, delete section **"Requirements for the Diploma in Film/Television Studies**

New Calendar entry:
FILM
The Department of Theatre and Film offers programs of study that lead to the degrees of M.A., M.F.A., B.A., and the Diploma in Film/Television Studies.
Major in Film/Television
The selection of students for admission to the Film/Television Major program normally takes place during the week after term finishes (end of April, beginning of May). Prospective candidates should contact the Department of Theatre and Film to learn of admission requirements and to make appointments for interviews.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Theatre and Film

New Calendar entry: (continued)
Second Year:
Film 230
Third and Fourth Years
Film 330, 333, 431, 433
Six credits chosen from Theatre 305, 310, 320, 345, 351, 354, 400, 410, 451, 454.

Requirements for the Diploma in Film/Television Studies:
(Same as present entry, p. 98, col. 2)
...

First Year	Second Year
FILM 230	FILM 431
FILM 330	FILM 433
FILM 333	

...

Changes to **List B**
Delete after the "Theatre" entry: 230(3), and 233(1.5)
Add after "Family Science" a new entry:
Film 230 (6), 233(3)

Changes to **Course Offerings** list
Delete from the list under **Theatre (THTR)** the following course entries: 230, 233, 330, 333, 334, 431, 433, 434, 531, 532, 533, 534 and 535.
Insert a new heading on the appropriate page as follows:
Film (FILM)
(Faculty of Arts)
List under this heading **all the course entries deleted** from the THEATRE listing.

New THTR 415 (3/6)d Studies in Women and Theatre/Film

Women's Studies

Change in program statement:
Change present entry to read:
WOMEN'S STUDIES
The Faculty of Arts offers a program of study that leads to the degree of B.A. Detailed descriptions of the program, courses, and other information are available from the Chair of the Women's Studies Coordinating Committee, (name), telephone #. Students majoring in Women's Studies must have their courses approved each year by the Coordinating Committee. A double major is encouraged.
Major
First and Second Years
Women's Studies 222 is required. Women's Studies 224 (which fulfills the literature requirement) and Anthropology/Sociology 213 are recommended.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Women's Studies

Change in program statement: (continued)
Third and Fourth Years
Women's Studies 322 and 324 (to be taken in third year).
Either Women's Studies 422 or 424 (one is required and both are recommended; to be taken in fourth year).
At least 15 additional credits from courses eligible for credit toward a major:

Women's Studies 422 or 424 (whichever was not taken as a requirement)
Women's Studies 425 (can be repeated for credit)
Anthropology or Sociology 312
Classical Studies 311, 312
Family Science 442
French 419 or 422
Psychology 320
Religious Studies 480
Slavonic Studies 446
Sociology 414
Theatre 415

(**Note:**) Women's Studies 300 may not be taken for credit toward the major).

Courses of related interest but not counted toward the major: Anthropology 214, 409; Economics 360; Family Science 322, 414; History 329, 443; Sociology 214, 240, 310, 361. Students should consult the Women's Studies Committee for additional relevant courses in a given year.

New	WMST 300 (3)	Introduction to Gender Relations
	WMST 322 (6)	Women's Studies in the Social Sciences
	WMST 324 (6)	Women's Studies in the Humanities
	WMST 422 (3)	Advanced Research Seminar in Women's Studies: Social Sciences
	WMST 424 (3)	Advanced Research Seminar in Women's Studies: Humanities
	WMST 425 (3/6-12)d	Special Topics in Women's Studies

Family and Nutritional Sciences

Change FMSC 320 - change in credits to (3/6)d

Music

New	MUSC 150 (4)	Large Instrumental Ensemble
	MUSC 166 (1)	Intensive Chamber Ensemble
	MUSC 169 (1)	Intensive Specialized Chamber Ensemble
	MUSC 363 (4)	History and Repertoire of the Guitar and Related Instruments

Deletions MUSC 150, 152

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music (continued)

Changes
MUSC 153 - change in hours, credits to: (4)
MUSC 154 - change in hours, credits to: (3)
MUSC 155 - change in credits to: (3)
MUSC 300, 301 - change in description
MUSC 409 - change in hours, credits to: (3/6)d
MUSC 414 - change in number (formerly 415)
MUSC 415 - change in number (formerly 414)

Changes in B.Mus. Major programs

MAJOR IN PIANO

First Year

(100)	Theory of Music I	2
(101)	Theory of Music II	2
(105)	Aural Skills I	2
(120)	History of Music I	3
(121)	History of Music II	3
(136)	Piano Repertoire I	4
(193)	Music Performance(Piano)	6
	[1]Large Ensemble	3
(100)	English	6
		31

Second Year

(200)	Theory of Music III	2	
(201)	Theory of Music IV	2	
(205)	Aural Skills II	2	
(220)	History of Music III	3	
(221)	History of Music IV	3	
(236)	Piano Repertoire II	4	
(293)	Music Performance (Piano)	6	
	[1]Large Ensemble or	3	or
(161)	Piano Chamber Ensemble	2	
	Literature Requirement	6	
	Non-Music Elective	3	
		33	or
		34	

Third Year

(300)	Theory of Music V	3
(301)	Theory of Music V	3
(394)	Music Performance (Piano Recital)	8
(149)	Keyboard Harmony and Transposition	2
(249)	Keyboard Accompanying I	2
(161)	Piano Chamber Ensembles	2
	Music Elective	3
	Non-Music Elective(s)	9
		32

Fourth Year

(440)	Piano Teaching Methods and Materials	2
(494)	Music Performance (Piano Recital)	8
(349)	[2]Keyboard Accompanying II	2
(161)	Piano Chamber Ensembles	2
	Non-Music Elective(s)	12
	Music Elective	3
		29

[1]Large Ensemble: Students may elect any one of Music 150 (Orchestra), Music 152 (Wind Ensembles), Music 153 (University Singers) or Music 154 (University Choral Union), with the permission of the School.
[2]Students may substitute Music 233 (Accompanying on the Harpsichord I) for Music 349.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN ORGAN

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(193)	Music Performance(Organ)	6	(293)	Music Performance(Organ)	6
(171)	Piano	2	(271)	Piano	2
	[1]Large Ensemble	3		Large Ensemble	3
(100)	English	6		Literature Requirement	6
	Non-Music Elective(s)	6		Non-Music Elective(s)	6
		35			35

	Third Year			Fourth Year	
(300)	Theory of Music V	3		[3]Theory Electives	6
(301)	Theory of Music VI	3	(494)	Music Performance (Organ Recital)	8
(394)	Music Performance (Organ Recital)	8		Non-Music Elective(s)	6
(149)	Keyboard Harmony and Transposition	2		Music History Elective	6
(311)	Conducting	4	(233)	Harpsichord Accomp.	2
(452)	History of Keyboard Music I	3			
(453)	History of Keyboard Music II	3			
	[2]Religious Studies	6			
		32			28

[1]Large Ensemble: Students will enrol in either Music 153 (University Singers) or Music 154 (Choral Union), with the permission of the School.
[2]Religious Studies: To be elected after consultation with the Department of Religious Studies and School of Music. Students are also advised to take one or more non-credit courses from one of the theological colleges on campus after consultation with the School of Music and the college concerned.
[3]Students will choose two courses from Music 410-415.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN GUITAR

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(193)	Music Performance (Guitar)	6	(293)	Music Performance (Guitar)	6
(171)	[1]Piano	2	(271)	[1]Piano	2
	[2]Large Ensemble	3		[2]Large Ensemble	3
(160)	[3]Small Ensemble	2	(160)	[3]Small Ensemble	2
(100)	English	6		Literature Requirement	6
	Non-Music Elective(s)	3		Non-Music Elective(s)	3
		34			34

	Third Year			Fourth Year	
(300)	Theory of Music V	3	(494)	Music Performance (Guitar Recital)	8
(301)	Theory of Music VI	3		[3]Small Ensemble	2
(394)	Music Performance (Guitar Recital)	8		Music Electives	6
(363)	History & Repertoire of Guitar	4		Non-Music Elective(s)	12
	[3]Small Ensemble	2			
	Music Electives	6			
	Non-Music Electives	6			
		32			28

[1]Piano: The secondary instrument must be piano unless the student passes the piano proficiency examination at the end of the first year.
[2]Large Ensemble: Students may elect any one of Music 150, 152, 153, or 154, with the permission of the School.
[3]It is often desirable that students take the guitar ensemble section of Music 160 in each of the first and second years, and that they either continue with the ensemble or elect one of the following in each of the third and fourth years: Music 156, Music 163, Music 165. Should appropriate small ensemble courses not be available in any given year, the required credits will be waived and the Music Elective requirement increased correspondingly.[4]Small Ensemble: Students will be placed in one of the Small Ensembles (Collegium Musicum, Asian Music Ensemble, Contemporary Players, or String Chamber Ensembles).

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN VOICE

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(193)	Music Performance(Voice)	6	(293)	Music Performance(Voice)	6
(171)	[1]Piano	2	(271)	Piano	2
	[2]Large Ensemble	3		Large Ensemble	3
(170)	Lyric Diction	2		Literature Requirement	6
(100)	English	6		[3]Italian	6
		31			35

	Third Year			Fourth Year	
(300)	Theory of Music V	3	(493)	Music Performance (Voice Recital)	8
(301)	Theory of Music VI	3	(465)	Song Repertoirte II	2
(394)	Music Performance (Voice Recital)	8	(442)	Song Interpretation & Accompaniment	4
(365)	Song Repertoire I	2		Large Ensemble	3
	Large Ensemble	3		[4]Chamber Ensemble	2
	[3]German	6		[5]Music Elective	6
	Non-Music Elective(s)	6		[3]French	6
		31			31

[1]Piano: A minimum of two years of study regardless of entering level.
[2]Large Ensemble: Students will enrol in either Music 153 (University Singers) or Music 154 (University Choral Union).
[3]Languages other than English: In certain cases students may concentrate on one or two of the languages required, and the indicated sequence may be altered.
[4]Chamber Ensembles: Students will elect either Music 155 (Chamber Singers) or Music 157 (Vocal Collegium Musicum Ensemble).
[5] Music 441 (Vocal Techiniques) or Music 311 (Choral Conducting) are highly recommended electives.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN OPERA

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(192)	Music Performance(Voice)	4	(292)	Music Performance(Voice)	4
(171)	[1]Piano	2	(271)	Piano	2
(135)	Opera Repertoire I	2	(235)	Opera Repertoire II	2
(100)	English	6		Large Ensemble	3
	[2]Italian	6		Literature Requirement	6
	Large Ensemble	3		[2]German	6
		35			35

	Third Year			Fourth Year	
(300)	Theory of Music V	3	(493)	Music Performance (Voice)	6
(301)	Theory of Music VI	3	(439)	Opera Workshop II	6
(339)	Opera Workshop I	6	(423)	History of Opera	6
(393)	Music Performance(Voice)	6	(435)	Opera Repertoire IV	2
(335)	Opera Repertoire III	2		Music Elective	6
(336)	Opera Theatre Techniques	4		[3]Non-Music Elective(s)	6
(170)	Lyric Diction	2			
	[2]French	6			
		32			32

[1]Piano: A minimum of two years' study regardless of entering level.
[2]Foreign languages: In certain cases students may concentrate on one or two of t- languages required, and the indicated sequence may be altered.
[3]Non-Music Elective(s): To be chosen in consultation with opera division advise-

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN ORCHESTRAL INSTRUMENT

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(193)	Music Performance	6	(293)	Music Performance	6
(171)	[1]Piano	2	(271)	[1]Piano	2
	[2]Large Ensemble	4		[2]Large Ensemble	4
	[3]Small Ensemble	2		[3]Small Ensemble(s)	4
(100)	English	6		Literature Requirement	6
		32			34

	Third Year			Fourth Year	
(300)	Theory of Music V	3	(494)	Music Performance (Recital)	8
(301)	Theory of Music VI	3		[2]Large Ensemble	4
(394)	Music Performance (Recital)	8		Small Ensemble(s)	6
	[2]Large Ensemble	4		[4]Music Elective	6
	[3]Small Ensemble(s)	6		Non-Music Elective(s)	6
	Non-Music Elective(s)	12			
		36			30

[1]Piano: The secondary instrument must be piano unless the student passes the piano proficiency examination at the end of the first year.
[2]Large Ensemble: String students will enroll in Music 150 (Wind Ensembles) or Music 150 (Orchestra). Admission to either is by audition.
[3] Small Ensemble: A minimum of three years of Music 160 (String Chamber Ensembles) or Music 162 (Wind and Percussion Chamber Ensembles) is required. All students must take 4 credits of Specialized Ensemble: Music 151 (Chamber Orchestra), Music 159 (Chamber Strings), or Music 305 (Readings in Orchestral Repertoire). If possible, two of these credits should be in Music 151. Wind students are required to take at least two credits of Music 305.
[4] Music Elective: Music 309 (Instrumentation), Music 310 (Orchestration) and Music 312 (Instrumental Conducting) are highly recommended as especially appropriate to this Major. Additional credits of ensemble are not permitted for fulfilling the Music Elective requirements.
[5]Music Elective: Music 309 (Intrumentation) and 310 (Orchestration) are highly recommended as especially appropriate to this Major. Additional units of ensemble are not permitted for fulfilling the Music Elective requirement except Musuc 156 and 157 (Collegium Musicum Ensembles), Music 163 (Contemporary Players), and Music 164 (Stage Band). (As noted under Performing Organizations, no more than half of the small ensemble credit for the B.Mus. degree may be in Music 164.)

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN GENERAL STUDIES

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(182)	[1]Music Performance (Concentration)	4	(282)	[1]Music Performance (Concentration)	4
(171)	[2]Music Performance (Secondary)	2	(271)	[2]Music Performance (Secondary)	2
	[3]Large Ensemble	3		[3]Large Ensemble	3
(100)	English	6		Literature Requirement	6
	[4]Non-Music Elective(s)	6		[4]Non-Music Elective(s)	6
		33			33

	Third Year			Fourth Year	
(300)	Theory of Music V	3	(482)	[1]Music Performance (Concentration)	4
(301)	Theory of Music VI	3		[3]Large Ensemble	3
(382)	[1]Music Performance (Concentration)	4		[3,5]Small Ensemble	
	[3]Large Ensemble	3		[5,6]Music Electives	14
	[3,5]Small Ensemble			[4]Non-Music Elective(s)	9
	[5,6]Music Electives	14			
	[4]Non-Music Elective(s)	6			
		33			30

[1]The concentration instrument is usually the one on which the student is most competent, and on which the student auditioned to enter the School.
[2]The secondary instrument is normally piano in the first two years unless the concentration is a keyboard instrument. Students with minimal keyboard experience will be placed initially in Piano 141, and will in the second year take Piano 241 (class) or 271 (private), as determined by the level of achievement in 141. Students with some previous piano experience may be excused from all or part of the piano requirement by showing satisfactory proficiency in all of the second-year secondary piano requirements: technique, repertoire, keyboard harmony, score reading, sight reading, and transposition. (For details, consult the faculty coordinator, keyboard performance division.)
[3]The large and small ensembles chosen are normally those most appropriate to the student's concentration instrument. Substitutions can occasionally be made after consultations with the student's adviser, and with some consideration being given to the needs of the ensembles. Students with concentration in historical instruments will take six credits of small ensemble (usually Collegium Musicum, starting in the second year) and six credits of large ensemble.
[4]The non-Music electives may be freely chosen, except that at least twelve credits must be in the same department, with at least six of these at the 200-level or higher. If English is chosen to fill this requirement then twelve credits must be selected beyond those necessary to complete the literature requirement.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN GENERAL STUDIES (Cont'd)

[5] In each of third and fourth years a total of 14 credits, comprised of small ensemble and music electives, must be taken with a minimum of 2 credits and a maximum of 6 credits of small ensemble. The 2 credit small ensemble minimum may be waived if inappropriate to the concentration instrument or to the needs of the student, or if instruction is unavailable. If waived on request of the student, or by decision of the Director, School of Music, the Music Electives will be increased from twelve to fourteen credits. Extra credits of large ensemble beyond those required for this Major may not be used as Music Electives.
[6]Students may choose a maximum of six credits of additional large or small ensemble work as part of the Music Elective requirements, provided authorization is given by the Director, School of Music, for small-ensemble instruction beyond the required credits. Any number of credits in this area may be elected, again assuming administrative permission for elective small-ensemble study, where the student wishes to exceed the total 128-credit requirement. Students with keyboard concentrations must take Music 149. Those with harpsichord concentrations must take Music 233 and 333. Those wishing to concentrate on historical instruments are advised to take twelve credits of music history courses (from Music 350, 352, 353, 354, and 355) as part of their Music elective. Provided authorization is given by the Director, School of Music , students may take a maximum of two credits of Music Performance (Secondary) in each of the third and fourth years, in partial fulfillment of the Music Elective requirements in those years.

MAJOR IN GENERAL STUDIES: ELEMENTARY EDUCATION STREAM

All Years: Large ensemble: for instrumental concentrators, one of these, in the four years, must be a choir, and the remaining three will be orchestra or wind symphony, as appropriate.
Students should consult the Faculty of Education requirements for admission to the Teacher Education Program.

Second Year: Students must also take Music Education 106, two credits, for a total of 35 credits.

	Third Year			Fourth Year	
(300)	Theory of Music V	3		[2]Music Elective(s)	6
(301)	Theory of Music VI	3	(482)	Music Performance	4
	[1]Music Electives	6		Large Ensemble	3
	Conducting (311 or 312)	4		[3]Music 131	2
(382)	Music Performance	4		Instrumental Class (Music 102, 112, or 122)	2
	Large Ensemble	3		Non-Music Elective(s)	12
	Instrumental Class (Music 102, 112, or 122)	2		Music Education Electives	4
	Non-Music Elective(s)	6			
	Music Education Electives	4			
		35			33

[1]Any appropriate history, theory, or composition course may be elected. A maximum of 2 credits of small ensemble and 2 credits of secondary performance may be elected.
[2]The music elective(s) in fourth year must be in history, theory, or composition.
[3]Students are required to take Music 131 (Class Voice) if they have had no previous vocal instruction. Vocal concentrators will take an appropriate level of some secondary instrument. Vocal secondaries will take the appropriate level of voice secondary.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN GENERAL STUDIES: SECONDARY EDUCATION STREAM

All years: (1) Large ensemble: for instrumental concentrators, one of these, in the four years, must be a choir, and the remaining three will be orchestra or wind symphony, as appropriate.
(2) Non-Music Electives: students should consult the Faculty of Education for distribution requirements.
First year: Students must also take Music Education 106, 2 credits.
Second year: Students must also take Music 122 (Class Woodwinds), 2 credits.

Third Year			Fourth Year		
(300)	Theory of Music V	3	(482)	Music Performance (Concentration)	4
(301)	Theory of Music VI	3		[2]Music Performance (Secondary)	2
(311 or 312)	Conducting	4		Large Ensemble	3
(112)	Class Brass & Percussion	2		Music Elective	3
(309)	Instrumentation	2		Non-Music Elective(s) (see above)	12
(382)	Music Performance (Concentration)	4	(401)	Music Education	2
(371)	Music Performance (Secondary)	2	(302)	Music Education	4
	Large Ensemble	3	(303)	Music Education	4
	Small Ensemble	2			
	[1]Music Electives	4			
	Non-Music Elective(s) (see above)	6			
		35			34

[1] Two credits of the Music Elective may be in additional small ensemble work. Music 102 (Class Strings) is recommended as an elective for string players.
[2] Voice concentrators take an appropriate level of their secondary instrument; those with previous secondary voice instruction, take an appropriate level of voice or of the secondary instrument begun in the third year; those without previous voice instruction, take Music 131 (Class Voice).
[3] Students with some background in strings are strongly encouraged to take Music 102 (Class Strings). Otherwise, any course of the correct credit value, apart from private performance instruction, may be selected.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

MAJOR IN MUSIC HISTORY AND LITERATURE

	First Year			Second Year	
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(182)	[1]Music Performance	4	(282)	Music Performance	4
	[2]Large Ensemble	3		Large Ensemble	3
(100)	English	6		Literature Requirement	6
	[3]French or German	6		French or German	6
		31			31

	Third Year			Fourth Year	
(300)	Theory of Music V	3		[7]Theory Electives	6
(301)	Theory of Music VI	3	(482)	Music Performance	4
(382)	Music Performance	4		Chamber Ensemble	2
	[4]Chamber Ensemble	2		[5]Music History	12
	[5]Music History	12		[6]Non-Music Elective(s)	12
	[6]History	6			
		30			30

[1]Music Performance: Students must study in some field of performance, which must include piano unless the student can demonstrate proficiency commensurate with requirements of Music 241 (Class Piano II) to the satisfaction of the keyboard division. (For details of requirements of Music 241, address inquiry to the faculty coordinator, keyboard performance division.) Performance fields include voice, piano, orchestral instruments, and some historical instruments such as harpsichord, lute, viola da gamba, early flutes, recorder, and other instruments as instruction is available.
[2]Large Ensemble: Students will enrol in Music 150 (Orchestra), 152 (Wind Ensembles), 153 (University Singers), or 154 (University Choral Union), depending upon the student's major performance field.
[3]Languages other than English: If one of these languages was studied in secondary school, it is recommended that the other be taken at the University.
[4]Chamber Ensemble: To be elected depending upon the student's performing field.
[5]Music History: to include Music 350, 352, 353, 354, 355, 356, 357.
[6]History: While there is no limit to the amount of political and social history the musicologist should know, the student is advised to take at least one general history course after consultation with the School of Music.
[7]Theory Electives: Students will choose two courses from Music 410-415; in exceptional circumstances Music 402, Special Projects, may be substituted for one of both of these.
[8]A course in the history of fine arts is strongly recommended.
[9]If Music 182, 282, 382, or 482 are chosen, the student is expected to meet jury requirements.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Music

Changes in B.Mus. Major programs (continued)

Major in Music Theory

First Year			Second Year		
(100)	Theory of Music I	2	(200)	Theory of Music III	2
(101)	Theory of Music II	2	(201)	Theory of Music IV	2
(105)	Aural Skills I	2	(205)	Aural Skills II	2
(120)	History of Music I	3	(220)	History of Music III	3
(121)	History of Music II	3	(221)	History of Music IV	3
(182)	[1]Music Performance	4	(282)	[1]Music Performance	4
(141)	[2]Class Piano	2	(241)	Class Piano	2
	Large Ensemble	3		Large Ensemble	3
(100)	English	6		Literature Requirement	6
	[3]Non-Music Elective(s)	6		[3]Non-Music Elective(s)	6
		33			33

Third Year			Fourth Year		
(300)	Theory of Music V	3		[6]Theory Electives	6
(301)	Theory of Music VI	3	(309)	Orchestration	4
(107)	Composition I	6	(482)	[1]Music Performance	4
(382)	[4]Music Performance	4		Large or Small Ensemble	2
	Large or Small Ensemble	2		[5]Music Elective(s)	6 or 3
	[4]Keyboard Harmony	2		[5]Theory Project	3 or 6
	[3]Non-Music Elective(s)	12		[3]Non-Music Elective(s)	6
		32			31

[1]The music performance requirements will be fulfilled by four years of study on the student's principal instrument.
[2]Class Piano 141 and 241 will be required of students whose principal instrument is not a keyboard instrument. The purpose is to prepare students for the study of keyboard harmony in the third year. Students with some keyboard background may be allowed to take Piano 171 and 271 instead. Students whose principal instrument is a keyboard instrument will not study a secondary instrument except as an extra course.
[3]The program provides for 30 credits of non-Music electives, or 27 credits of non-Music electives and Physics 341. Physics 341 must be taken if offered. Students must have at least 12 credits in one department other than Music. If English courses are elected to complete this 12 credit concentration requirement, they must be in addition to English 100 and the literature requirement. In addition to these elective requirements, it will be advisable for students contemplating graduate study in theory to study some German.
[4]Students with the required keyboard proficiency may meet the keyboard harmony requirment of the third year by taking Music 149. Other students should take Music 343 or its equivalent as provided by the School.

[5]Fourth-year students have the option of choosing 6 credits of music electives and doing a one-term (3 credit) 402 project, or of choosing ony 3 credits of music electives and doing a two-term project (as Music 449, for 3 credits). Appropriate scope for the project will be the determining factor here, and will be decided by the student and the adviser in consultation.
[6]Students will choose two courses from Music 410-415.
[7]If Music 182, 282, 382, or 482 are chosen, the student is expected to meet jury requirements.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS (continued)

Social Work

Change to program statement:

Under **Admissions** change to read:

1. Admission to the BSW program is open to persons with a B.A. or equivalent degree and to persons with a minimum of two years of the Bachelors of Arts program at The University of B.C., or its equivalent at another university or community college.
2. Applicants to this program will be required:
   (a) to have achieved at least a 65% average in course work during the academic year (or equivalent) preceding application for admission;
   (b) to have completed a 3 credit course in statistics;
   (c) to have completed at least 6 credits of course work dealing with contemporary social issues and 6 credits of course work dealing with the dynamics of human behaviour, individual or collective. A list of qualifying courses may be obtained from the School;
   (d) to demonstrate to the satisfaction of the School, personal potential and suitability for a career in social work.
3. The deadline for application for admission to the B.S.W. program is February 28. Application forms must be obtained from the School.
4. For students considering application to the program, the School's faculty provides a consultant and advisory service.
5. Given resource limitations, the School may not be able to accept all applicants who meet the foregoing admission requirements.
6. The B.S.W. program comprises 60 credits for students who enter with a Bachelor's degree and 66 credits for those entering the program without a Bachelor's degree or equivalent.

Pattern of Courses in the B.S.W. Program

Year 1		**Credits**
SOWK 300	Canadian Social Policy I	6
SOWK 305	Social Work Practice I	6
SOWK 315	Practicum I	6
SOWK 320	Introduction to Social Work Research	3
SOWK 335	Fundamentals of Social Analysis for Social Work	3
SOWK 336	Theoretical Foundations of Social Work I	3
SOWK 337	Theoretical Foundations of Social Work II	3
Arts - Elective courses in the Faculty of Arts (required of students admitted without a Bachelor's degree)*		(6)
		30 (or 36)

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF ARTS

Social Work (continued)

Change to program statement:
Pattern of Courses in the B.S.W. Program (continued)

Year 1		**Credits**
SOWK 400	Canadian Social Policy II	3
SOWK 405	Social Work Practice II	6
SOWK 415	Practicum II	6
SOWK 420	Social Work Research	3
SOWK 430/ or Electives	Special Studies in Social Work and/or courses offered in the Faculty of Arts preferably in the social sciences and humanities **	6
SOWK 435	Behavioural and Social Issues in Social Work Practice	3
SOWK 440	Integrative Seminars in Social Work	3
		30

* These elective courses are required for students who enter the program without a B.A. or equivalent degree. Such courses must be numbered 300 or above. They may be taken either during a summer session or during the regular fall and winter sessions. Details on qualifying electives are available on request from the School of Social Work.

** Details on qualifying courses available.

Changes SOWK 300, 305, 400, 405 - change in title, description
SOWK 320 - split into two courses:
SOWK 320 (3) Introduction to Social Work Research
SOWK 420 (3) Applied Social Work Research
SOWK 336 - change in title, description, prerequisite

New SOWK 335 (3) Fundamentals of Social Analysis for Social Work
SOWK 337 (3) Theoretical Foundations of Social Work II
SOWK 435 (3) Behavioural and Social Issues in Social Work Practice
SOWK 440 (3) Integrative Seminars in Social Work

Deletions SOWK 335, 410

Change in grading system:
SOWK 315, 415 - change from numeric percentage to **pass/fail.**

January 16, 1991

APPENDIX

Course and curriculum proposals (continued)

FACULTY OF EDUCATION

Social and Educational Studies

Change Curriculum and Instructional Studies 361 to:

Social Studies Education 361 (3 credits) Introduction to Curriculum and Instruction in Law-related Education

Change EDUC 440 now (3/9 credits)d

Early Childhood Education

Change Early Childhood Education 405, 415 - change title and description

FACULTY OF GRADUATE STUDIES

Administrative, Adult and Higher Education

New	AAHE 508 (3-12)c	Review of Research in Educational Methods
	AAHE 565 (3/6)d	Special Course in Subject-matter Field
	AAHE 601 (6/12)d	Doctoral Seminar
Deletion	EADM 601	

Agricultural Economics

New	AGEC 520 (3)	Land and Forest Resource Economics

Anthropology

New	ANTH 506 (3/6)d	Current Research in Anthropology
	ANTH 513 (3-6)d	Advanced Studies in Feminist Anthropology
	ANTH 548 (0)	Major Essay

Audiology and Speech Sciences

New	AUDI 595 (0)	M.Sc. Major Essay

Chemical Engineering

New	CHML 506 (3)	Industrial Process Engineering

Civil Engineering

New	CIVL 502 (2)	Structural Stability
	CIVL 504 (2)	Seismicity and Seismic Design Parameters
	CIVL 505 (2)	Earthquake Resistant Structures I
	CIVL 506 (2)	Earthquake Resistant Structures II
	CIVL 579 (2)	Geosynthetics
	CIVL 596 (6)	Project in Civil Engineering

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES

Civil Engineering (continued)

Changes CIVL 507, 533 - change in description
CIVL 508, 577 - change in description, prerequisite
CIVL 509 - change in title, description, prerequisite, credits to: (3)
CIVL 510, 511, 513, 514, 516, 517, 518, 529, 531, 535, 566, 572 - change in title, description
CIVL 537, 538 - change in description credits to: (3)
CIVL 540, 546 - change in title, description, credits to: (3)
CIVL 541 - change in title, description, prerequisite, credits to: (3)
CIVL 551 - change in title, description, prerequisite
CIVL 547 - delete prerequisite
CIVL 567 - change in title

Deletions CIVL 500, 501, 519, 532, 542, 543, 545, 549

New Program
Professional Partnership Program
Students may complete all or part of the work for their graduate degrees in a joint industry-university partnership program. Students spend part of their time working for industry or government and the rest at university, with joint supervision from faculty members and industry representatives. M.Eng. students are required to take the project course CIVL 596, but all other requirements for the degrees remain as outlined above. Details may be obtained from the Department office.

Commerce and Business Administration

New	COMM 547 (0)	MBA Major Essay
	COMM 550 (3)	Seminar in Financial Statement Analysis
	COMM 560 (3)	Internship in Arts Administration
	COMM 561 (3)	Law and the Arts
	COMM 644 (3)	Advanced Topics in Transportation
	COMM 643 (3)	Workshop in Transportation and Utilities

Changes COMM 544, 545 - change in title

Computer Science

New	CPSC 513 (3)	Integrated Systems Design
	CPSC 516 (3)	Computational Geometry

Changes CPSC 512 - change in title, description

Education

New XXXX 590 (0 credits) Major Paper" in the following departments/divisions:
ADED, ARTE, BUED, CSED, CNPS, EADM, EDED, EDCI, EDST, EDUC, ENED, EPSE, HIED, HMED, INED, LIBE, MAED, MLED, MUED, READ, SCED, SSED.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES (continued)

Educational Psychology and Special Education

Changes EPSE 501, 515, 568, 584 - change in title, description, prerequisite

EPSE 535 - split into two courses:
EPSE 534 (3) Assessment and Interpretive Processes in School Psychology: Academic Assessment
EPSE 535 (3) Assessment and Interpretive Processes in School Psychology: Social and Emotional Assessment

EPSE 502, 509, 585 - change in title, description
EPSE 604 - change in description
EPSE 510 - editorial changes
EPSE 601 - change in credits to: (6)

English

New ENGL 548 (0) Major Essay

Changes ENGL 549 - change in credits to: (6-12)c

Forestry

New FRST 520 (3) Land and Forest Rsesource Economics
FRST 581 (3) Forest Products Marketing/Management
FRST 548 (0) Major Essay

French

New FREN 548 (0) Major Essay

Geography

New GEOG 548 (0) Major Essay

Geophysics and Astronomy

New GEOP 526 (3) Theory of the Earth

Germanic Studies

New GERM 548 (0) Major Essay

Change GERM 547 - change in number (formerly 548)

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES (continued)

Health Care and Epidemiology

Change of Program title and description:
M.H.A. (Master of Health Administration)
An M.H.A. program is offered that is specifically designed to provide the educational basis for individuals desiring to pursue careers in Health Services Administration (policy, planning and management). Program requirements can be completed in two years of full-time attendance. The program requires 57 credits of study with elective course work available within the Department as well as in other Departments and faculties.
The program is accredited by the Accrediting Commission on Education for Health Services Administration.
Application deadline is April 30. A detailed brochure is available on application to the Department.

New	HCEP 505 (3)	Financial Management in Health Care
	HCEP 523 (3)	Operations Research in Health Care
	HCEP 541 (0)	Health Management Forum
	HCEP 599 (0)	Major Essay

Changes HCEP 540 - change in credits to: (0)
HCEP 545 - change in credits to: (3)

Hispanic and Italian Studies

New	ITAL 548 (0)	Major Essay
	RMST 548 (0)	Major Essay
	SPAN 548 (0)	Major Essay

Language Education

Change in Program Title from "Library Education" to:
Teacher Librarianship

Change LIBE 527 - change in title, description, credits (to: 3/6)d

Library, Archival and Information Studies

Change Calendar statement to read:
Language Requirement
Where the native language of the applicant is not English, demonstrated facility in both the oral comprehension and the writing of English is a prerequisite for admission. Students will be required to complete a satisfactory TOEFL or Michigan test before any offer of admission can be made.
A knowledge of languages in addition to English is of the greatest benefit in the work of the information professional, which sometimes requires the interpretation of documents and bibliographic data in many languages. Therefore the study of foreign languages at the undergraduate level is strongly recommended.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES

Library, Archival and Information Studies (continued)

Change in degree requirements:
Under **Requirements for the Degree (1.)** change the paragraph under the course list beginning "All elective courses ..." to read:
All elective courses ... balanced program. Courses other than those designated as LIBR at this University may be applied to the M.L.S. program, whether taken at this or another institution; they may, however, total no more than six credits of the required sixty.

Change the first paragraph of (2.) starting half way down to read:
...Other courses may be credited as stated under (1) above; they may, however, total no more than three credits of the required thirty. Permission to apply ...

Changes LIBR 604 - change in credits to (3)

New LIBR 698 (0) Major Essay

Linguistics

New LING 514 (3) Advanced Research Seminar in Phonology
LING 524 (3) Advanced Research Seminar in Syntax
LING 548 (0) Major Essay

Changes LING 530 - change in credits (to: 3-12)d
LING 525 - change in credits (to: 3/6)d

Mathematics

Deletions MATH 500 to 518
520 to 522
525 to 527
529 to 541
556

Change MATH 547 - change in number (formerly 524)

New MATH 500 (3) Mathematical Logic
MATH 501 (3) Algebra I
MATH 502 (3) Algebra II
MATH 503 (3) Algebraic Structures I
MATH 504 (3) Algebraic Structures II
MATH 507 (9) Measure Theory and Integration
MATH 508 (3) Complex Analysis I
MATH 509 (3) Complex Analysis II
MATH 510 (3) Functional Analysis
MATH 511 (3) Operator Theory and Applications
MATH 512 (3) Quantum Theory
MATH 513 (3) Statistical Mechanics

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES

Mathematics (continued)

New	MATH 514	(3)	Ordinary Differential Equations I
	MATH 515	(3)	Ordinary Differential Equations II
	MATH 516	(3)	Partial Differential Equations I
	MATH 517	(3)	Partial Differential Equations II
	MATH 518	(3)	Nonlinear Differential Equations
	MATH 519	(3)	Fluid Mechanics I
	MATH 520	(3)	Fluid Mechanics II
	MATH 521	(3)	Numerical Analysis I
	MATH 522	(3)	Numerical Analysis II
	MATH 525	(3)	Differential Geometry I
	MATH 526	(3)	Differential Geometry II
	MATH 527	(3)	Algebraic Topology I
	MATH 528	(3)	Algebraic Topology II
	MATH 529	(3)	Differential Topology
	MATH 530	(3)	Geometric Topology I
	MATH 531	(3)	Geometric Topology II
	MATH 532	(3)	Algebraic Geometry I
	MATH 533	(3)	Algebraic Geometry II
	MATH 534	(3)	Lie Theory I
	MATH 535	(3)	Lie Theory II
	MATH 537	(3)	Algebraic Number Theory I
	MATH 538	(3)	Algebraic Number Theory II
	MATH 539	(3)	Analytic Number Theory I
	MATH 540	(3)	Analytic Number Theory II
	MATH 541	(3)	Harmonic Analysis I
	MATH 542	(3)	Harmonic Analysis II
	MATH 544	(3)	Probability I
	MATH 545	(3)	Probability II
	MATH 550	(3)	Methods of Asymptotic Analysis
	MATH 551	(3)	Perturbation Methods for Differential Equations
	MATH 552	(3)	Introduction to Dynamical Systems
	MATH 553	(3)	Advanced Dynamical Systems
	MATH 554	(3)	Symmetries and differential Equations
	MATH 557	(3)	Linear and Nonlinear Waves
	MATH 560	(3)	Mathematical Biology I
	MATH 561	(3)	Mathematical Biology II
	MATH 562	(3)	Introduction to Mathematical Neurobiology
	MATH 589	(0)	M.Sc. Major Essay
	MATH 591	(2)	Graduate Seminar in Applied Mathematics
	MATH 600	(2-6)c	Topics in Algebra
	MATH 601	(2-6)c	Topics in Analysis
	MATH 602	(2-6)c	Topics in Geometry
	MATH 603	(2-6)c	Topics in Topology
	MATH 604	(2-6)c	Topics in Optimization
	MATH 605	(2-6)c	Topics in Applied Mathematics
	MATH 606	(2-6)c	Topics in Differential Equations
	MATH 607	(2-6)c	Topics in Numerical Analysis
	MATH 608	(2-6)c	Topics in Probability

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES

Mathematics (continued)

MATH 609	(2-6)c	Topics in Mathematical Physics
MATH 610	(2-6)c	Topics in Pure Mathematics
MATH 611	(2-6)c	Topics in Functional Analysis
MATH 612	(2-6)c	Topics in Mathematical Biology
MATH 620	(2-6)c	Directed Studies in Mathematics

Mechanical Engineering

New	MECH 505 (3)	Industrial Acoustics and Vibrations
	MECH 549 (0)	Major Essay
	MECH 587 (3)	Fracture Control for Design
	MECH 588 (3)	Fatigue

Changes MECH 561, - change in title, description, credits to: (3)

Deletions MECH 581, 582, 583, 584

Change in Program
Bio-Medical Program
Add to Calendar statement (addition underlined)
"Students may carry out research ... the Department of Mechanical Engineering or the Department of Physics."

Metals and Materials Engineering

Changes MMAT 556 - change in credits to: (2), add prerequisite
MMAT 577 - add prerequisite

Mining and Mineral Process Engineering

New	MMPE 565 (2)	Rock Fragmentation
	MMPE 566 (3)	Advanced Coal Preparation
	MMPE 578 (3)	Industrial Expert Systems
	MMPE 597 (6)	Engineering Project

Changes MMPE 577 - change in credits to: (3)

Change in Calendar statements:

M.A.Sc. - change to read:
This program combines research and course work and requires a total of 30 credits. A research thesis is assigned between 6 to 12 credits by the Head of Department in consultation with the Research Supervisor.

M.Eng. (part-time or full-time)
This program is a course work Masters program intended for engineers who wish to upgrade their skills or develop new expertise in a particular specialized subject area. A total of 30 credits of course work are required, 24 of which must be 500 level graduate courses. An engineering report must be submitted as part of an oral examination to complete the degree.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES

Mining and Mineral Process Engineering

M.Eng. (part-time or full-time) (continued)

Mining
- Mining Methods and Design
- Rock Mechanics
- Mineral Economics

Mineral Processing
- Coal Preparation
- Simulation and Control
- Environmental Protection/ Occupational Health

Each of these programs of study consists of 18 credits of core subjects at the graduate level, 6 credits minimum of optional graduate level courses and 6 credits maximum of undergraduate level (300 or 400 series) courses. Details of course selection strategies can be obtained from the Head of Department or the Graduate School Coordinator. Course substitution to these approved programs can be arranged with the approval of the Head of Department.

For students conducting their studies on a part-time basis while maintaining employment with a company, MMPE 597 Engineering Project (6 credits) is intended to be used to conduct a field study in close collaboration with an academic advisor.

Ph.D. - no change

Nursing

New NURS 595 (0) M.S.N. Major Essay

Obstetrics and Gynaecology

Change of Program Title and Description to:
OBSTETRICS AND GYNAECOLOGY - Ph.D. and M.Sc. Degrees
(Reproductive and Developmental Sciences)
The Department of Obstetrics and Gynaecology offers M.Sc. and Ph.D. programs in: (1) Reproductive Science; (2) Perinatal and/or Developmental Biology. The areas of research include: reproductive and placental endocrinology, cellular and molecular biology, immunology of reproduction, fertilization and embryonic development, perinatal metabolism fetal and neonatal physiology. Prerequisites: BIOC 300; PHYL 301 or ZOOL 303 or ANSC 320.

Pathology

New PATH 547 (3) Techniques in Molecular Biology and Experimental Pathology

Changes PATH 500 - change in credits to: (2-8)d
PATH 548 - change in credits to: (1-12)c

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES (continued)

Pharmaceutical Sciences

New	PHAR 514 (6)	Advanced Drug Delivery Systems
	PHAR 551 (6)	Pharmacy in Canada
	PHAR 552 (6)	Issues in Pharmacy Administration

Physical Education and Recreation

New	PHED 590 (3)	Seminar in Research on Teaching in Physical Education
	PHED 595 (0)	Master's Major Essay

Plant Science

Change PLNT 511 - change in title, description

Deletions PLNT 500, 505, 512, 514, 521, 526, 527

Religious Studies

New RELG 548 (0) Major Essay

Science

New XXXX 589 (0) M.Sc. Major Essay in the following departments: Computer Science, Geological Sciences, Oceanography

Social Work

New	SOWK 546 (3/6)d	Methods for Popular Sector Organizing
	SOWK 548 (0)	Major Essay

Changes SOWK 551, 552 - change in credits to: (3/6)d

Change in Calendar Statement:

SOCIAL WORK - MSW Degree - change to:
SOCIAL WORK - MSW Degree and Interdisciplinary Studies Ph.D. and add the following:
The School offers advanced clinical and social development studies in social work. The program involves a minimum of 30 credits of study of which 6 credits are required in each of the following areas: (1) theoretical foundations of social policy analysis, (2) research, (3) practice, and (4) thesis or directed field studies.
The School also participates in a doctoral program of individual interdisciplinary studies which is offered by the Faculty of Graduate Studies. The Faculty encourages applicants to spend at least one term as a graduate student in the School before applying. Acceptance is contingent upon excellent academic performance and the development of an interdisciplinary research proposal acceptable to the Faculty of Graduate Studies.

APPENDIX

Course and curriculum proposals

FACULTY OF GRADUATE STUDIES (continued)

Theatre and Film

Calendar statement:

FILM - M.A. and M.F.A. Degrees
(list Faculty)
The Department of Theatre and Film offers opportunities for advanced studies leading to the M.A. degree in history/theory/criticism and the M.F.A. degree in production. Each is a two year course of studies and requires, as a prerequisite, an undergraduate degree in film/television or the equivalent. Further information about graduate programs can be obtained from the Department's Handbook.

M.Sc. Program in Occupational Hygiene

Calendar Statement

An interdisciplinary program is offered leading to the degree of M.Sc. Students may follow either of two options: (1) 36 credits of courses and a 6-credit project, requiring a minimum of 16 months of full-time study or an equivalent amount of effort on a part-time basis; (2) 30 credits of courses and a 12-credit thesis, generally requiring 20-24 months of full-time equivalent work. The program focusses on such areas as hazard identification, analysis and control; toxicology; epidemiology; industrial process analysis; ergonomics; worker safety, etc. Graduates are expected to practise as occupational hygienists in the government, para-government and industrial sectors. To be admissible, students should have completed a bachelor's degree in such areas as physical or health sciences, engineering or related fields. Before commencing the program, students should have completed university-level courses or have equivalent background in calculus, physics, organic chemistry, biology and statistics. Prospective students should consult with a Faculty Representative regarding other recommended prerequisites. Provision may be made for some students to take prerequisite courses as co-requisites in conjunction with the program, extending the courses over a full two-year period.

New Courses

OCCH 501	(3)	Introduction to Occupational Hygiene and Safety
OCCH 502	(3)	Chemical and Biological Hazard Measurement
OCCH 503	(3)	Chemical and Biological Hazard Control
OCCH 504	(3)	Advanced Hygiene Practice
OCCH 595	(0)	Occupational Health and Safety Seminar
OCCH 598	(6)	Project
OCCH 599	(12)	M.Sc. Thesis
OCCH 505	(3)	Ergonomics and Safety
CHML 506	(3)	Industrial Process Engineering
MECH 505	(3)	Industrial Acoustics and Vibrations
OCCH 401	(3)	Introduction to Occupational Hygiene and Safety

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF MEDICINE

Pathology

Transfer of the following course listings from Pathology to **Medical Microbiology:**
MMIB 417, 427, 437, 447, 457, 720, 721, 722, 723, 724, 726

Change	PATH 230, 300 - merge into one course:	
	PATH 300 (6)	Background to Medical Laboratory Science
New	MMIB 327 (6)	Bacteriology, Mycology, Virology and Parasitology

FACULTY OF PHARMACEUTICAL SCIENCES

Program changes:

First Year

CHEM 230	3.0
MICB 200	3.0
PHAR 100	2.0
OHAR 211	4.0
ENGL 301	1.5
Elective*	3.0
	16.5

*Recommended electives could include Economics 100, Psychology 100, Commerce courses, Languages, Humanities, Philosophy 407, 414, 437, Science courses.

Second Year

ANAT 390	2.0
BIOC 300	3.0
PHAR 200	2.0
PHAR 311	2.0
PHAR 335	2.0
PHYL 301	3.0
PHYL 302	1.5
Elective	1.5
	17.0

Calendar revision: Requirements for Registration (p.220, col.1, under Graduate Studies)

Registration with the College of Pharmacists of British Columbia:

(a) Student Registration

It is required that students register with the College of Pharmacists of British Columbia during their first year in the Faculty of Pharmaceutical Sciences. This registration will be completed during the first week of the Fall Term. Proof of such registration will be a requirement for admission to the Professional Practice Laboratory.

January 16, 1991

APPENDIX

Course and curriculum proposals

FACULTY OF PHARMACEUTICAL SCIENCES (continued)

New
PHAR 100 (2) Professional Practice I
PHAR 211 (4) Drug Delivery Systems I
PHAR 200 (2) Professional Practice II
PHAR 311 (2) Drug Delivery Systems II

Deletions PHAR 110, 210

Changes
PHAR 310 - change in title and prerequisites
PHAR 325, 402, 403, 452, 469 - change in prerequisites
PHAR 435 - change in description and time of offering

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

Changes in Programs

Motor Performance and Control
Add "(PHED)" to Program Elective in Year 3
Delete "Elec[1]" in "Arts/Science Elec[1]" in Years 2 and 4
Delete NOTE #1, and change NOTE 2 to "NOTE 1"
Change [2] to "[1]" after "Program Electives (PHED)" in Year 4

Instruction and Coaching
Change NOTE 2 to read: "A second concentration in a teaching area is also required by the Faculty of Education."
Change NOTES 3 and 4 to NOTES 4 and 5
Add new NOTE 3: "Commerce courses are only available to those students selecting a second concentration in Business Education in the Faculty of Education."

Leisure and Sport Administration
Delete the word "Commerce" from the statement Arts/Science/Commerce in Years 3 and 4 and NOTE 1

General Studies in Physical Education
Delete the word "Commerce" in Years 2,3 and 4.

Course change PHED 355 - change in description, prerequisite
Changes in Calendar statements

Course of Studies
First paragraph, last sentence to read:
"Program approval is required for all students (first year students and second and third year transfer students) enrolling in the School of Physical Education and Recreation for the first time.

First paragraph, add the following sentence:
"It is highly recommended that students seek assistance from the Advising Office of the School before selecting Program Electives (PHED) and Arts/Science courses."

January 16, 1991

APPENDIX

Course and curriculum proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION (continued)

Change NOTE 2, to read:

A total of 48 to 66 credits of Arts, Science and/or Commerce courses is required, including 12 credits of English. A minimum of 12 credits of 300- or 400-level courses must be taken within one general area of Arts, Science, or Commerce. Courses in other Faculties may be credited toward the B.P.E. degree only with prior written approval of the Senior Faculty Adviser of the School."

NOTES 3, 4 and 5 become NOTES 5, 6 and 7 respectively

New NOTE 3: "The following terms apply to all programs of study:
PHED Elective - a course of the student's choice from all 300- and 400-level PHED courses.
Program Required (PHED - courses selected from a list of specific PHED courses designated by a program of study.
Program Elective (PHED) - PHED courses that normally complement a program of study and are usually chosen in consultation with the Advising Office of the School.

New NOTE 4: **PHED 355 (Field Experience).** Prerequisites for each PHED 355 section are listed in the Program and Advising Information Booklet. Each program of study requiring PHED 355 has a specific section requirement. Students must taken the section relevant to their program of study. Prerequisites may not be taken concurrently.

Revised Calendar Statement:

THE SCHOOL OF PHYSICAL EDUCATION AND RECREATION

Admission Requirements
no change

Application Deadline
no change

B.P.E. Degree Program
no change

General Requirements for the Degree of B.P.E.
Students in all years are normally subject to General Academic Regulations in addition to others identified by the School.

English Composition Requirement
no change

Performance Requirement
no change

APPENDIX

Course and curriculum proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION (continued)

Part-time Study
Currently it is extremely difficult to complete a B.P.E. on a part time basis as there are only a minimum number of courses offered in the evenings and during the Summer session. Part-time students should discuss their proposed programs with an adviser. Course prerequisites apply to part-time as well as to full-time students.

Transfer Students
Students who are accepted by transfer from other institutions must normally complete all remaining courses toward their B.P.E. degree at UBC. The University will not grant a degree for studies that represent less than the equivalent of two regular winter sessions (66 credits). A maximum of 66 credits of transfer credit will normally be granted. It is recommended that transfer students seek advising prior to registration.
1) In general, transfer credit is limited to the initial two years of a degree program. Credit at a more senior level is possible if prior written permission has been granted by the Senior Faculty Adviser of the School.
2) A student wishing to take courses at another institution and transfer the credit toward a B.P.E. degree must first obtain written permission from the Advising Office of the School. It is the student's responsibility to see that an official transcript is forwarded to the Admissions Office of the Registrar.

Registration and Program Approval
Students are reminded of the University rule regarding program responsibility. Students are responsible for the completeness and accuracy of registration as it is related to the regulations of the program of study in which they are enrolled.

Revised Calendar Statement:

The following is a summary of the registration procedures for Physical Education and Recreation students. Complete information may be obtained from the Program Planning and Advising Information Booklet.
1) First year and transfer students are required to choose a program of study and obtain program approval before registering through **TELEREG.** If prior approval is not possible, students may seek program approval immediately after registering.
2) Students should be careful to choose elective credits appropriate to their selected programs of study.
3) Students are encouraged to make all course changes through **TELEREG** whenever possible. In order to gain admission into a "full" physical education course while **TELEREG** is open, a student may complete a force/add form available in the Advising Office.

APPENDIX

Course and curriculum proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION (continued)

4) Except in special circumstances, a one-term course may be added or dropped from a student's program within the first two weeks after the beginning of the course and a two-term course within the first three weeks; no record of the dropped course will appear on the student's transcript. A student may also withdraw from the one-term course up to the end of the sixth week and from a two-term course up to the end of the twelfth week. The withdrawal will be recorded on the transcript by a standing of "W" and will not be included in computing averages.

Prerequisites
It is generally considered that 100-level Physical Education courses are prerequisites to 200-level courses and that 200-level courses are prerequisites to 300- and 400-level courses. However, 300- and 400-level courses may be taken in any sequence unless otherwise specified in the course descriptions in the UBC Calendar. Students who do not have proper prerequisites for a course can have their registration cancelled automatically.

Electives
Electives are selected to complement the chosen program of study as well as to broaden the student's general education. Many upper (300/400) level courses require lower (100/200) level prerequisites therefore all electives should be selected carefully. All non-PHED electives in the third and fourth year must be at the 300-level or higher (see NOTE 3 - Course of Studies).

Overloading
A student must apply in writing to the Senior Faculty Adviser of the School for permission to register in more than 36 credits of work in a Winter Session.

Graduation Standing
In the B.P.E. program, the categories of degree are: class 1 (80-100%), class 2 (65-79%), and pass (50-64%), calculated on the required work of the third and fourth years.

Supplemental Examinations
SUPPLEMENTALS are not a right but a PRIVILEGE granted by the Director after consideration of a student's complete academic standing. A student who has written final examinations but failed a course or courses in the Winter, or Summer sessions or correspondence courses, may be granted permission to write supplementals in courses for which supplemental examinations are provided. In courses in the School of Physical Education and Recreation, supplemental examinations will usually be available only if regularly scheduled examinations (December and/or April) account for 40% or more of the final grade in the course. Supplemental examinations for Winter Session are given in late July or early August. Students who fail a final examination in December cannot

APPENDIX

Course and curriculum proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION (continued)

take a supplemental examination prior to this period because this privilege is based on the student's complete academic standing, which is determined after final examinations in April.

Eligibility

1) In the Winter session, normally the student must have:
   a) passed required laboratory work
   b) written the final examination and obtained at least 40% standing in the course in which the supplemental is granted, and
   c) obtained a 60% average in the number of credits of course work required for satisfactory standing in the same academic session.
   d) may usually only write a supplemental examination if the regularly scheduled examinations (December and/or April) account for 40% or more of the final grade in the course.
2) In an extrasessional (Summer) or correspondence course, general university regulations apply (see general information section of this calendar).
3) In all but the final (graduating) year, a candidate who has been granted a supplemental may write it only once. A student who fails a supplemental examination must repeat the course or take a permissible substitute. However, in the graduating year a supplemental examination may be written twice with permission from the Director.
4) Students who are unable to meet the requirements because of medical or other approved reasons may, at the discretion of the School and with the approval of the Senior Faculty Adviser, be granted deferred examinations. Such privilege will be considered only if the student submits a written application to the Director before the end of the official examination period in question.
5) When deferred or supplemental examinations are granted, students must complete requirements prior to attendance at the next regular session. The School may require that additional work be undertaken in the Summer Session.

Withdrawal

A student who withdraws from the University must seek permission from the Senior Faculty Adviser of the School. With permission from the School, the Registrar will then grant Honorable Dismissal and decide whether or not there may be a refund of fees. The term Honorable Dismissal does not refer to academic standing. It simply means that, at the time of withdrawal, the student was in no disciplinary difficulty.

Probation

Probationary status will be assigned to a student:

a) who is readmitted to the School after having been required to withdraw
   OR

APPENDIX

Course and curriculum proposals

SCHOOL OF PHYSICAL EDUCATION AND RECREATION (continued)

b) who passes the Winter session, but fails in more than 6 credits of work or fails to achieve an overall average of 55% on **all** courses attempted.

The following regulations apply to probation students:

1) deficient program courses must be repeated during the year of probation.
2) year status will be that of the majority of the credits being taken.
3) must have program approved by an adviser prior to registration.
4) students who do not pass the deficient courses within the probationary academic year will have their academic records reviewed and may be asked to withdraw as regular students from the School until the course deficiencies are made up.

Unsatisfactory Standing

no change

SCHOOL OF REHABILITATION MEDICINE

English Composition Requirement - delete "Students who have not satisfied the requirement at the time of admission to the program must do so within one academic year of admission to the School of Rehabilitation Medicine."

New courses	RHME 441 (1 credit) A Manual Therapy Approach to the Assessment and Treatment of Individuals with Musculoskeletal Dysfunctions of the Lumbar Spine and Pelvis RHME 442 (1 credit) Spinal Cord Injury: Issues of Rehabilitation RHME 443 (1 credit) Sports Physical Therapy RHME 445 (1 credit) The Physical Therapy Management of Children with Developmental Disabilities
Change	RHME 408 - change in title and description RHME 430 - change description and credits (now 6 credits) RHME 206 - change title and description
Additions	Add RHME 441, 442, 443, 445 as options for a fourth year elective

Division of Occupational Therapy

Program change:	Second Year	- SOCI 214 replaces SOCI 200, 210, 220 - Delete PHYL 301
	Third Year	- change elective from 6 credits to 3 credits
	Fourth Year	- Delete RHME 417

Division of Physical Therapy

Program change:	Second Year	- Delete PHYL 301
	Fourth Year	- Delete SOCI 200, 210, 220, and RHME 417