



THE UNIVERSITY OF BRITISH COLUMBIA

Vancouver Senate Secretariat
Senate and Curriculum Services
Enrolment Services
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VANCOUVER SENATE

MINUTES OF JANUARY 21, 1998

Attendance

Present: President M. C. Piper (Chair), Vice President Academic B. C. McBride, Dean F. S. Abbott, Dr. P. Adebar, Acting Dean D. R. Atkins, Dr. I. Benbasat, Dr. J. D. Berger, Dean C. S. Binkley, Dean J. Blom, Dr. G. W. Bluman, Mr. P. T. Brady, Professor P. T. Burns, Mr. A. Chui, Ms. L. Chui, Dr. V. Froese, Dr. J. H. V. Gilbert, Dr. V. Gomel, Mr. C. L. Gorman, Dean F. Granot, Dr. A. G. Hannam, Rev. J. Hanrahan, Dr. P. G. Harrison, Dr. F. G. Herring, Dr. M. R. Ito, Mr. J. Keng, Dr. S. B. Knight, Mr. A. Kwong, Ms. E. Lai, Ms. S. Lerchs, Mr. D. K. Leung, Dr. M. Levine, Dr. D. M. Lyster, Dr. D. J. MacDougall, Dr. M. MacEntee, Dr. P. L. Marshall, Dr. K. May, Dr. W. R. McMaster, Mr. W. McMichael, Dean pro tem D. F. Measday, Mr. S. Mui, Mr. B. Murphy, Dean S. Neuman, Mr. J. Nobbs-Thiessen, Mr. V. Pacradouni, Mr. R. L. de Pfyffer, Dr. W. J. Phillips, Mr. G. Podersky-Cannon, Dean M. Quayle, Ms. C. Quinlan, Professor J. A. Rice, Dr. H. B. Richer, Dr. D. P. Rolfsen, Dr. H. J. Rosengarten, Dr. R. W. Schutz, Dean N. Sheehan, Dr. C. E. Slonecker, Ms. N. Sonik, Dr. J. R. Thompson, Dr. M. Thompson, Dr. S. Thorne, Dr. W. Uegama, Dr. J. Vanderstoep, Mr. D. R. Verma, Dr. P. A. Vertinsky, Dr. D. Ll. Williams, Dr. R. A. Yaworsky.

Regrets: Chancellor W. L. Sauder, Mr. T. Au Yeung, Dr. P. C. Burns, Dean J. Cairns, Mr. H. D. Gray, Dean M. Isaacson, Dr. V. J. Kirkness, Ms. G. Lau, Mr. O. C. W. Lau, Professor P. T. K. Lin, Mr. T. P. T. Lo, Mr. S. Lohachitranont, Mr. R. W. Lowe, Mr. W. B. McNulty, Mr. A. H. Soroka, Ms. L. M. Sparrow, Mr. A. Tse, Dr. W. C. Wright Jr., Dean E. H. K. Yen.

Senate membership

EX-OFFICIO MEMBERS

Dr. Barry C. McBride, Vice President Academic and Provost
Dr. David F. Measday, Dean pro tem of the Faculty of Science

Minutes of the previous meeting

Dean Neuman	}	<i>That the minutes of the fourth regular meeting of Senate for the Session 1997-98, having been circulated, be taken as read and adopted.</i>
Dean Sheehan		

Carried.

Dr. Knight, Vice Chair of Senate, assumed the chair for the next item of business.

Business arising from the Minutes

PRESIDENT'S REPORT ON APEC (P.11776)

President Piper drew attention to the *Report to the Senate and Board of Governors on Post-APEC Activities*, which had been circulated at the meeting. The President then

called on Professor Dennis Pavlich, Associate Vice President of Academic and Legal Affairs, to speak to the report.

As stated in the report, Professor Pavlich noted that The University of British Columbia served as the venue for the APEC Economic Leaders' Meeting (AELM) which took place on the campus November 25, 1997. Although the international community considered the APEC Leaders' Meeting at UBC to be a significant success, serious concerns were raised regarding the actions of the Government and the RCMP in dealing with demonstrations and protests on the campus. Professor Pavlich drew attention to a section of the report headed "Community Concerns" giving details of the amount of correspondence received from the campus and broader community regarding APEC and the actions of the police in the period leading up to and during the AELM. The University has acknowledged these communications, indicating that detailed responses to concerns expressed in the letters received are to follow. The University has also responded to applications under the Freedom of Information and Protection of Privacy Act relating to events surrounding the AELM. Regarding the issue of student arrests, Professor Pavlich stated that several complaints have been made to the RCMP Public Complaints Commission and the President has asked that a report be given on the status of these complaints once they have been addressed and dealt with by the Complaints Commission. In addition, the RCMP are conducting their own internal investigation and the President has been told by the superintendent in charge that information resulting from this investigation will be made available to the University. Professor Pavlich noted that the President has also communicated with the Solicitor General seeking assurance that all investigations will be independent and properly conducted. In addition, the Chair of the Board of Governors has written to the Prime Minister in this regard.

Professor Pavlich stated that the President has taken the position that there will be no formal statement by UBC administration until the release of these reports.

Referring to the Post-APEC Forum, which was held to discuss the question: "What is the role of Universities in a democratic society?", Professor Pavlich noted that the principal points made by the panelists during their opening remarks included:

- Wes Pue, Faculty of Law: Canadians' rights were suppressed during APEC and the Prime Minister's Office interfered with the security arrangements made by the RCMP.
- Shehnaz Karim/Jill Chettiar, APEC Alert: UBC's decision-making mechanisms are not democratic and should be examined; there was no true campus consultation regarding APEC; and the Post-APEC Forum was not a valid process to examine the issues.
- Martha Piper, President, UBC: The fundamental purpose of the University is not the resolution of political issues, but to serve, through disciplined intellectual activity and critical thinking, as a forum for uninhibited, robust and wide-open debate.
- Arnab Guha, President, APEC University Forum: UBC's involvement in APEC provided an opportunity for a "fantastic level of discourse" and a great deal of student involvement. The University community should clarify what its role should be in future, and that involvement should go beyond simply serving as a venue.

Professor Pavlich concluded his remarks by highlighting some of the critical and positive comments from the audience, which included expressions of appreciation for President Piper's decision to hold the Post-APEC Forum.

In response to a query, President Piper stated that it could be at least two months before reports are received from the RCMP and the Public Complaints Commission.

President Piper then moved the following motion which had been circulated at the meeting:

<i>President Piper</i>	}	<i>With respect to the APEC Conference and future international gatherings, that in considering future opportunities to serve as the venue for major international meetings organized by governments, the University community engage in a full and informed consultative process to ensure that the mission of the University is honoured, that the maximum academic and intellectual benefit accrues to the University and that democratic principles of free speech and assembly, as well as individual human rights, are fully protected.</i>
<i>Prof. Burns</i>		

Carried.

MOTION BY DR. MICHAEL MACENTEE RE: APEC (P. 11777)

In view of the foregoing report, Dr. MacEntee suggested that discussion of the motion, which had been postponed at the previous meeting, be tabled until the University receives reports from the RCMP and the Public Complaints Commission.

<i>Dr. MacEntee</i>	}	<i>That the motion be tabled until the University receives reports from the RCMP and the Public Complaints Commission.</i>
<i>Dr. Berger</i>		

Carried.

President Piper resumed the Chair.

Chair's remarks and related questions

HONORARY DEGREE RECIPIENTS

President Piper informed Senate that those listed below have accepted invitations to receive honorary degrees at the 1998 Congregation Ceremonies:

- Patricio Aylwin
- John Peter Bell
- Alan Cairns
- Stephen Michael Drance
- Martha Henry
- H. Peter Oberlander
- Jeffrey Simpson
- John Spears
- David William Strangway

TRIP TO ASIA

The President gave a brief report on her recent trip to Asia, stating that this was her first trip as a representative of UBC. Dr. Piper was accompanied by a variety of UBC representatives, including Dean Frieda Granot, Mr. Grant Ingram, and Mr. Larry Sproul. The group visited Hong Kong and Taipei and had a wonderful meeting with the Johanneans who have so graciously supported St. John's College on campus. They also met with a variety of supporters of UBC such as alumni groups in Hong Kong and Taipei, and with senior officials in the government, the Canadian Council in Hong Kong and the Canadian Trade Commissioner in Taipei. Dr. Piper said that it was fair to say that UBC is extraordinarily well positioned in both of those areas of the world and that she was extremely privileged to represent everyone at UBC in this capacity. Dr. Piper said that it was an extremely positive trip and one that everyone could take pride in because it represented very effectively the work that goes on at UBC.

Admissions Committee

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

FACULTY OF GRADUATE STUDIES - M.SC. AND PH.D. IN HUMAN NUTRITION

Dr. Harrison noted that the proposal circulated contained changes to the program description for the M.Sc. and Ph.D. in Human Nutrition which had not yet been approved by the Senate Curriculum Committee. However, the Senate Admissions Committee had considered proposed revisions to the admission requirements and recommended approval. Dr. Harrison noted that admission to the M.Sc. program now requires an overall average of at least 76%, bringing this into line with the Faculty of Graduate Studies' revised requirements for admission.

Dr. Harrison
Dr. Rosengarten

}

That Senate approve proposed revisions to the admission requirements for the M.Sc. and Ph.D. in Human Nutrition.

Carried.

PUNJABI 11 AND 12

The committee recommended approval of a proposal to recognize two new high school courses, Punjabi 11 and 12, as outlined below:

1. That Punjabi 11 be accepted by UBC as an approved Grade 11 language course.
2. That Punjabi 12 be accepted by UBC as an approved examinable Grade 12 course.
3. That Punjabi 11 be accepted by UBC as a Language 11 course satisfying 6 credits of the Faculty of Arts language requirement.

Dr. Harrison
Mr. Gorman

}

That Senate approve the proposal to recognize two new high school courses, Punjabi 11 and 12, as outlined above.

Carried.

BASIS OF ADMISSION FOR TRANSFER STUDENTS

The committee recommended approval of the following changes to the Calendar statement on Applicants from a College or University: (changes in italics)

The minimum academic standing to qualify for admission to the University as a transfer student is successful completion of 24 transferable credits, with a "C" average (60% where 50% is a passing...F=O). Applicants presenting fewer than 24 credits are evaluated on the basis of both final secondary school grades and the partial post-secondary studies completed. Unless otherwise prescribed...credits."

Because of enrolment limitations...to which they seek admission. To be eligible for second year, applicants...year. Applicants to third year...year.

Dr. Harrison
Mr. Leung

}

That the proposed changes to the Calendar statement on Applicants from a College or University be approved.

Carried.

FACULTY OF DENTISTRY - APTITUDE TESTING

The committee recommended approval of a proposed change to the Calendar statement on Aptitude Testing. Dr. Harrison explained that the proposed change would extend the length of time in which the Canadian Dental Association Dental Aptitude Test can be taken. The statement reads as follows:

Applicants must have completed the Canadian Dental Association Dental Aptitude Test within the previous five years before the application deadline. Applicants may elect to take the DAT test again after the application deadline; however, the results will not be used in determining which applicants will be offered an interview that year. Information and application forms etc.

Dr. Harrison
Dr. MacEntee

}

That the proposed change to the Calendar statement on Aptitude Testing be approved.

Carried.

FACULTY OF DENTISTRY - CHANGE TO THE ADMISSION REQUIREMENTS FOR THE INTERNATIONAL DENTAL DEGREE COMPLETION PROGRAM

Dr. Harrison explained that students entering this program are accepted into the Third and Fourth Year of the Dental Degree Program and go through a series of assessments and evaluations prior to entry into the clinical part of the program. Difficulties were encountered with some students this year in terms of English language proficiencies. In an effort to come up with a solution, the Faculty of Dentistry propose to change the admission requirements, as follows:

Applicants must

1. participate in a two week pre-clinical practice
2. undertake a personal interview at UBC
3. undertake an interview and demonstrate competence in verbal communication skills in English by reaching level 5 or better on the Placement Interview Test Rating Scale of the English Language Institute at UBC, or its equivalent. English is the medium of instruction in Dentistry and communication skills are necessary to function effectively in the clinical setting. This requirement in English communication skills is in addition to the TOEFL.

<i>Dr. Harrison</i>	}	<i>That the proposed change to the admission requirements for the International Dental Degree Completion Program be approved.</i>
<i>Dr. MacEntee</i>		

Carried.

FACULTY OF GRADUATE STUDIES - ADMISSION REQUIREMENTS FOR A MASTER OF ARTS IN CHILDREN'S LITERATURE, AND FOR A JOINT M.A.S./M.L.I.S. DEGREE PROGRAM

The committee recommended approval of the following admission requirements for a proposed Master of Arts in Children's Literature and a joint M.A.S./M.L.I.S. degree program:

Master of Arts in Children's Literature

For admission to the M.A. program, a candidate must:

1. possess a bachelor's degree from a recognized university in a relevant discipline or in an area which is regarded as appropriate by the SLAIS Admissions Committee for the program;
2. have achieved a minimum overall average in the B+ grade range (76% at UBC) in third and fourth year level courses of a bachelor's degree;
3. show promise of success or superior accomplishment in one or more aspects of children's literature as attested by letters of reference.

An applicant possessing a bachelor's degree or its academic equivalent, who does not meet the requirements of point 2 above but has had sufficient formal training or relevant professional experience to offset such deficiencies, may be granted full or provisional admission on the recommendation of the Director of the School and the approval of the Dean of the Faculty of Graduate Studies.

Joint M.A.S./M.L.I.S. degree program

For admission to the Joint Degree Program, a candidate must:

1. possess a bachelor's degree from a recognized university in a discipline acceptable to the SLAIS Admissions Committee for the program;
2. have achieved a minimum overall average in the B+ grade range (76% at UBC) in third and fourth year level courses of a bachelor's degree;
3. show promise of superior professional performance as attested by letters of reference.

An applicant possessing a bachelor's degree or its academic equivalent, who does not meet the requirements of point 2 above but has had sufficient formal training or relevant professional experience to offset such deficiencies, may be granted full or provisional admission on the recommendation of the Director of the School and the approval of the Dean of the Faculty of Graduate Studies. An applicant possessing a bachelor's degree or its academic equivalent, who does not meet the requirements of point 2 of the previous sentence, may be permitted to register as a Qualifying student for no more than one year on the recommendation of the Director of the School and the approval of the Dean of the Faculty of Graduate Studies. Satisfactory completion of a qualifying year neither guarantees subsequent admission to the Joint Degree Program nor substitutes for any of its courses.

Dr. Harrison
Dean Neuman

}

That the admission requirements for a Master of Arts in Children's Literature, and for a joint M.A.S./M.L.I.S. degree program be approved.

Carried.

FACULTY OF PHARMACEUTICAL SCIENCES - PROPOSED REVISIONS TO ADMISSION REQUIREMENTS

Dr. Harrison explained that the proposed revisions to admission requirements focus on demonstration of English language proficiency. He noted that the Faculty had chosen a different route than that of the Faculty of Dentistry in trying to ensure that students are informed beforehand of the requirements, which the Faculty hopes will guarantee the success of students in their program. Dr. Harrison stated that the program is undergoing some dramatic changes in pedagogy which include greater

reliance on problem-based learning, group interactions, oral presentations and written assignments, and noted that the clerkship part of the program is also becoming increasingly important. Dr. Harrison pointed out that the major change being proposed is to require students either to have completed at least six years of full-time education in English or to provide evidence of completion of the Test of English as a Foreign Language with a score of 600, and in addition, two components which are not required as basic admission to the university at the moment, one being a Test of Spoken English and the other a Test of Written English. Students enter this program after completing one year in basic science, so students currently entering UBC with five years of education in English will (after they have finished first year) have satisfied admission to group A but other students will have this separate requirement. Dr. Harrison noted that there are several other changes to the admission procedures such as a Pharmacy Admission College Test, and the submission of résumés and letters of reference in an organized fashion according to forms provided by the Faculty of Pharmaceutical Sciences.

Dr. Harrison
Dean Abbott

}

That the proposed revisions to the admission requirements for the Faculty of Pharmaceutical Sciences be approved.

Mr. Mui spoke against the proposal, expressing concern at the proposed minimum score of 55 in the Test of Spoken English (TSE). He said that recent immigrants with just two years in high school before they enter first year Science only have three years to prepare for the TSE. Mr. Mui felt that a score of 55 was excessive in view of that fact that it was generally accepted that it takes seven years to master a spoken language.

Mr. Mui } *That the motion be tabled.*
Mr. de Pfyffer }

Lost.

Mr. de Pfyffer } *That the motion be referred back to the Senate*
Mr. Mui } *Admissions Committee.*

Carried.

FACULTY OF SCIENCE - THIRD YEAR STANDING IN BIOLOGY

The committee recommended approval of a proposal to include in the Calendar the following paragraph on limitation of enrolment in the Biology undergraduate program under the heading Third Year Standing in Biology:

Enrolment in the Biology Program is limited. Acceptance into the third year of the Biology Program requires concurrent registration in or prior credit for one of the three physiology courses: BIOL 350, 351, or 353. Students are not permitted to take more than one of these three courses.

Dr. Harrison } *That the proposed Calendar statement on*
Dr. Berger } *Third Year Standing in Biology be approved.*

Carried.

FACULTY OF SCIENCE - CLARIFICATION OF CALENDAR STATEMENT ON LIMITATION OF ENROLMENT

The committee recommended approval of the following revised Calendar statement on limitation of enrolment in the Faculty of Science:

Enrolment in the Faculty of Science is limited and admission to the Faculty does not guarantee that space will be available in any specific program, course or section. Where the limitation of enrolment becomes necessary, the criteria for implementation normally are academic standing in the preceding winter session and grades in prerequisite courses. Students are encouraged to register on their assigned date of registration.

Dr. Harrison explained that the revised statement makes clear that there could be limitations not only in courses but also in programs and sections of courses, and encourages students to register as soon as they are eligible.

Dr. Harrison
Dr. Bluman

}

That the revised Calendar statement on limitation of enrolment in the Faculty of Science be approved.

Carried.

FACULTIES OF SCIENCE AND MEDICINE - DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR MEDICINE - ADMISSION TO PROPOSED INTERNSHIP EDUCATION PROGRAM

The committee recommended approval of the following statement on admission to the Internship Education Program:

Acceptance into the program is after completion of the third year major or honours program in Biochemistry. Acceptance is based upon academic standing and general suitability to perform in a technical research environment.

Dr. Harrison
Dr. Bluman

}

That the admission statement for the Internship Education Program in the Department of Biochemistry and Molecular Medicine be approved.

Carried.

Vice President McBride said there was considerable concern about the validity of TOEFL scores as a predictor of success in university, and there was a growing body of literature which has looked at it in a semi-statistical way. Vice President McBride suggested that the Senate Admissions Committee should look into the issue of the use of TOEFL scores and provide Senate with some guidance.

Dr. Harrison stated that a sub-committee of the Senate Admissions Committee has been working on the general issue of English language proficiency. He said that the subcommittee will be looking at an interim report next week and hoped that new recommendations could be brought to Senate in the near future.

Dr. May pointed out that some Faculties and Schools are accountable to others with regard to fitness for professional practice and requested that the Senate Admissions Committee include in its discussions non-academic admission criteria for first professional degrees at the undergraduate level.

Dean Sheehan reminded Senate that when the Ritsumeikan program was established some years ago there was a strenuous debate about the use of TOEFL.

Mr. Murphy
Ms. Sonik

}

That the Senate Admissions Committee examine the feasibility of establishing a university-wide policy on the introduction of non-academic admissions criteria for undergraduate first degree Faculties.

Carried.

Continuing Studies

DIPLOMA IN FOREST ENGINEERING

Dr. Vanderstoep, chair of the committee, presented a proposal to establish a Diploma in Forest Engineering. Dr. Vanderstoep explained that the proposal was in response to a need for professionals in forest engineering to upgrade their skills and knowledge following completion of their formal education. In April of 1996, the Institute of Forest Engineering in British Columbia was established by the co-operative effort of two professional associations. The goal of this institute is to improve forest practices in British Columbia through advanced continuing

education. It is this particular institute which has developed the diploma program for professional foresters, engineers and geo-scientists. Dr. Vanderstoep drew attention to page 4 of the proposal which explains the purpose of the program, and to the admission requirements contained in the Calendar statement on page 3. He explained that the course requirements consist of six course modules, each of a two week duration, with a total credit equivalent of thirty. Dr. Vanderstoep stated that the program was unique in the province and that it fits in well with the mission of the University, as well as with the mission of the Faculties of Forestry and Applied Science. Dr. Vanderstoep stated that the program meets a need which has been expressed quite widely through supporting letters from outside agencies and individuals who work in the forest industry. Furthermore, the program meets the guidelines for diploma programs approved by Senate, which include consideration by the chair of the Senate Curriculum Committee who has indicated by way of letter that he sees no problem with the proposal.

<i>Dr. Vanderstoep</i>	}	<i>That Senate adopt the proposal for a Diploma Program in Forest Engineering.</i>
<i>Dean Binkley</i>		

In response to a query about the content of the program, Dean Binkley explained that the area of forest regeneration is covered in the Diploma Program in Advanced Silviculture which focuses on regeneration. [The proposal also contained new courses: FEBC 401, 402, 403, 404, 405, 506.]

The motion was
put and carried.

Curriculum Committee

See Appendix A.

Dr. Berger, chair of the committee, presented the report on curriculum proposals from the various Faculties and Schools.

FACULTY OF APPLIED SCIENCE

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

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Applied Science be approved.</i>
<i>Dr. Adebar</i>		

Carried.

FACULTY OF ARTS

The committee recommended approval of curriculum proposals from the Faculty of Arts. Dr. Berger highlighted parts of the Faculty of Arts report, drawing attention to the mammoth revision of course offerings in the Department of Asian Studies.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Arts be approved.</i>
<i>Dean Neuman</i>		

In response to a query concerning the description of GERM 431, Dean Neuman confirmed that the word "communicative", which appears in the description of GERM 432, should also be included in the description of GERM 431.

The motion was
put and carried.

FACULTY OF FORESTRY

The committee recommended approval of curriculum proposals from the Faculty of Forestry.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Forestry be approved.</i>
<i>Dean Binkley</i>		

Dr. Adebar drew attention to WOOD 435 Quality Engineering, stating that it is really an engineering course, also that there had been no consultation with the Faculty of Applied Science and that the course has the same title as MMAT 493.

In amendment:

<i>Dr. Adebar</i>	}	<i>That approval of WOOD 435 be withheld.</i>
<i>Dr. Ito</i>		

Dean Binkley stated that the course was essential to the Wood Processing Program. He explained that the instructor of the course has been working on other quality engineering courses that are taught to ensure that there is no unnecessary duplication.

The amendment
carried.

The motion, as amended,
was put and carried.

FACULTY OF GRADUATE STUDIES

The committee recommended approval of curriculum proposals from the Faculty of Graduate Studies.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Graduate Studies be approved.</i>
<i>Dean Granot</i>		

Dr. Benbasat drew attention to the proposed changes to the Calendar statement for the M.F.A. program in Creative Writing. He noted that the Canada Council is sponsoring PRISM and that one of their requirements is that these funds cannot be used for training. However, it appears from the proposal that those working on the

PRISM INTERNATIONAL MAGAZINE will get a six credit reduction from their program requirements. Dr. Benbasat asked how this could be possible.

Professor Burns suggested that this matter be tabled pending a fuller explanation of the ramifications of the proposed change.

<i>Prof. Burns</i>	}	<i>That the proposed changes to the Calendar statement for the M.F.A. program in Creative Writing be tabled.</i>
<i>Dr. Benbasat</i>		

Carried.

The motion to approve the curriculum proposals from the Faculty of Graduate Studies, with the exception of the proposed changes to the Calendar statement for the M.F.A. program in Creative Writing, was put and carried.

FACULTY OF PHARMACEUTICAL SCIENCES

The committee recommended approval of proposed changes to PHAR 455.

<i>Dr. Berger</i>	}	<i>That the proposed changes to PHAR 455 be approved.</i>
<i>Dean Abbott</i>		

Carried.

SCHOOL OF REHABILITATION SCIENCES

The committee recommended approval of curriculum proposals from the School of Rehabilitation Sciences.

<i>Dr. Berger</i>	}	<i>That the proposals of the School of Rehabilitation Sciences be approved.</i>
<i>Dr. Gilbert</i>		

Carried.

FACULTY OF SCIENCE

Dr. Berger called on Dr. Harrison to speak to a correction to the statement under Major in Cell Biology and Genetics. Dr. Harrison explained that footnote 3 should read, "Must be taken in third year." and that the remainder of the courses listed should be deleted. This will require a change to an earlier line in the program which will now state: "Biology 350³."

Dr. Harrison
Dr. Herring

}

That the correction to the proposed change in the Calendar statement under Major in Cell Biology be approved.

Carried.

Dr. Berger highlighted some of the proposals contained in the curriculum submission from the Faculty of Science.

Dr. Berger
Dr. Harrison

}

That the proposals of the Faculty of Science be approved, subject to the correction noted above.

Dr. Ito drew attention to the description of CPSC 252 noting that the word "and" before ELEC 314 should read "or". In response to a further query from Dr. Ito, Dr. Berger explained that it is generally understood that the statement "Credit will be given for only one of" means that one of those courses is required as a prerequisite but does not necessarily imply equivalents. He agreed that students sometimes misunderstand the meaning of the statement but was not sure how to get around that problem.

The motion was
put and carried.

FACULTY OF AGRICULTURAL SCIENCES

The committee recommended approval of curriculum proposals from the Faculty of Agricultural Sciences.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Agricultural Sciences be approved.</i>
<i>Dean Quayle</i>		

Carried.

FACULTY OF DENTISTRY

The committee recommended approval of curriculum proposals from the Faculty of Dentistry.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Dentistry be approved.</i>
<i>Dr. May</i>		

Carried.

FACULTY OF EDUCATION

The committee recommended approval of curriculum proposals from the Faculty of Education.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Education be approved.</i>
<i>Dean Sheehan</i>		

Carried.

SCHOOL OF HUMAN KINETICS

The committee recommended approval of a proposed new course, HKIN 389. Dr. Berger reported that a proposed Calendar entry on Second Degree Requirements for the B.H.K. should be deleted.

<i>Dr. Berger</i>	}	<i>That the proposed new course, HKIN 389, be approved.</i>
<i>Dr. Schutz</i>		

Carried.

FACULTY OF LAW

The committee recommended approval of a proposed change in credits for LAW 352.

<i>Dr. Berger</i>	}	<i>That the proposed change in credits for LAW 352 be approved.</i>
<i>Prof. Burns</i>		

Carried.

FACULTY OF MEDICINE

The committee recommended approval of curriculum proposals from the Faculty of Medicine, including a new Internship Program in Biochemistry. Dr. Berger noted that the program had been approved by both the Faculty of Medicine and the Faculty of Science.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculty of Medicine be approved.</i>
<i>Dr. Gilbert</i>		

Carried.

Registrar's Report on editorial changes to Academic Regulations

See Appendix B.

A report on editorial changes to the Academic Regulations section of the Calendar had been circulated for information. Dr. Spencer informed Senate that there will be a statement in both the printed and the web version of the Calendar next year identifying the web version as the official version. There will be a note that changes may be made during the year and that people should refer to the web version if they are in doubt as to which one is official.

Academic Year 1998-99

A draft of the Academic Year for 1998-99 had been circulated for information.

Mr. Murphy drew attention to the fact that the February 1999 Senate meeting was scheduled during the mid-term break.

Mr. Murphy,
Ms. Sonik

}

That when the regularly scheduled meeting of Senate coincides with the mid-term break, the meeting of Senate be moved one week ahead or back, as appropriate.

Carried.

Academic Year 1998-2003

A summary of starting and ending dates of the terms and examinations from 1998-2003 had been circulated for information.

Dean Neuman drew attention to the fact that the last day of examinations in 2003 was shown as May 2nd. Dean Neuman said that this creates a problem in that contracts for teaching assistants end on April 30th. Dr. Spencer responded that this was a tentative schedule and that Dean Neuman's concerns would be addressed before the schedule is finalized.

President's Report on the Visioning Process

President Piper announced that after consulting with student senators with regard to the visioning process, it had been decided to hold an essay competition, details of which will be announced in *UBC Reports* and the *Ubyyssey*. Students will be asked to participate by writing a 750 word essay on what kind of education UBC should provide to the incoming class of 2010. The first prize will be one term's tuition (one undergraduate and one graduate student), and for the runners-up (six undergraduate, three graduate) \$100 certificates for the UBC Bookstore.

Adjournment

The meeting adjourned at 10:05 p.m.

Next meeting

The next regular meeting of Senate will be held on Wednesday, February 18, 1998.

Appendix A

COURSE AND CURRICULUM PROPOSALS

Faculty of Agricultural Sciences

INTERNATIONAL RESOURCE SYSTEMS

Change in program description

Faculty of Applied Science

BIO-RESOURCE ENGINEERING

New course	BIOE 255 (2) Bio-Resource Engineering Laboratory 1
Deletion	BIOE 250
Changes	BIOE 251 - change description, prerequisite, hours BIOE 285 - change hours, credits BIOE 382, 471, 473, 482 - change prerequisite BIOE 485 - add prerequisites

Program changes to second, third and fourth years

CHEMICAL ENGINEERING

Deletion	CHML 358
Changes	CHML 364 - change prerequisite CHML 376 - change title, description, prerequisite, hours, credits

Program changes to second and third years

CIVIL ENGINEERING

Deletion	CIVL 310
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ELECTRICAL AND COMPUTER ENGINEERING

New courses	ELEC 419 (5) Software Engineering Project ELEC 458 (3) Power System Analysis ELEC 459 (3) Computer Applications in Power Systems ELEC 465 (3) Microcomputer Systems Design ELEC 496 (6) Engineering Project ELEC 497 (5) Systems Project
Changes	ELEC 490, 491 - change title, description, credits ELEC 280 - change title, credits, hours ELEC 281, 379 - change title ELEC 283, 466 - change description ELEC 456 - change prerequisites

Program changes to second, third and fourth years

Deletions	ELEC 380, 381, 382, 383, 389, 488, 489
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ENGINEERING PHYSICS

Change in Calendar statement. Program changes to third and fourth years

GEOLOGICAL ENGINEERING

Program changes to second, third and fourth years

MECHANICAL ENGINEERING

New courses MECH 301 (2) Mechanical Engineering Laboratories III
 MECH 302 (2) Mechanical Engineering Laboratories IV
 MECH 357 (6) Engineering Design

Deletion MECH 261

Changes MECH 360 - change credits, hours
 MECH 380 - change credits, hours, prerequisites
 MECH 463, 492 - add prerequisite

Program changes to third and fourth years

METALS AND MATERIALS ENGINEERING

New courses MMAT 381 (1) Structure and Properties Laboratory
 MMAT 469 (3) Solidification

Changes MMAT 361 - change title, description, credits, hours
 MMAT 365 - add prerequisite
 MMAT 378 - change description, credits, hours

Program changes to third year

Deletions MMAT 377, 462

MINING AND MINERAL PROCESS ENGINEERING

New courses MMPE 404 (3) Mine Management
 MMPE 435 (3) Plant and Process Design

Changes MMPE 302 - change title, description
 MMPE 303 - change title, add prerequisite
 MMPE 304 - change title
 MMPE 397 - change title, description, credits, hours, prerequisite
 MMPE 401, 431 - change title description, hours
 MMPE 403 - change title, description, add prerequisite
 MMPE 410 - change description

Program changes to second, third and fourth years

Deletions MMPE 492, 498

Faculty of Arts

ARTS B.A.

Change in program requirements

ANTHROPOLOGY AND SOCIOLOGY

New courses ANTH 231 (3) Ancient North America

 ANTH 232 (3) Ancient Latin America

Change ANTH 323 - change title, description

ASIAN STUDIES

New courses ASIA 100 (3) Introduction to Traditional Asia
 ASIA 101 (3) Introduction to Modern Asia
 ASIA 200 (3) Cultural Foundations of East Asia
 ASIA 208 (3) Cultural Foundations of South Asia
 ASIA 209 (3) Cultural Foundations of Southeast Asia
 ASIA 300 (3) Writing and Culture in East Asia
 ASIA 308 (3) Mythological Literature of Ancient India in Translation
 ASIA 309 (3) South Asians Beyond South Asia
 ASIA 314 (3) Premodern Japan
 ASIA 315 (3) Japan from Feudal to Modern State
 ASIA 317 (3) The Rise of Korean Civilization
 ASIA 318 (3) Premodern India
 ASIA 319 (3) History of Indonesian Civilization
 ASIA 329 (3) Gender in Indonesia
 ASIA 337 (3) The Korean People in Modern Times (1600 to the present)
 ASIA 338 (3) Modern India
 ASIA 339 (3) The Construction of South Asian Communities in the Diaspora
 ASIA 341 (3) Classical Chinese Literature in Translation
 ASIA 342 (3) Chinese Literature in Translation
 ASIA 344 (3) Topics in Japanese Cultural History I: Aristocrats and Warriors
 ASIA 346 (3) Topics in Japanese Cultural History II: The Early Modern Age
 ASIA 347 (3) Traditional Korean Literature in Translation
 ASIA 348 (3) Great Literary Works of Classical India in Translation
 ASIA 349 (3) Southeast Asian Literature in Translation
 ASIA 350 (3) Asian Literature in Translation: a Comparative Approach
 ASIA 352 (3) Topics in Traditional Chinese Vernacular Literature
 ASIA 354 (3) Introduction to Japanese Cinema
 ASIA 357 (3) Modern Korean Fiction in Translation
 ASIA 358 (3) Literature of Medieval India in Translation
 ASIA 359 (3) Gender Relations in Southeast Asian Literature
 ASIA 364 (3) Modern Japanese Literature in Translation
 ASIA 368 (3) Modern Literatures of South Asia in Translation
 ASIA 371 (3) Foundations of Chinese Thought
 ASIA 372 (3) Development of Traditional Chinese Thought
 ASIA 378 (3) Philosophical Wisdom of Early India
 ASIA 388 (3) Buddhist, Brahmanical and Jain Philosophers in Interaction
 ASIA 398 (3) Classical Hindu, Buddhist and Jain Myths and Legends in Translation
 ASIA 400 (3) Chinese Characters: Script, Language, and Civilizations
 ASIA 410 (3) International Relations in Premodern East Asia
 ASIA 418 (3) Social History of India

New courses ASIA 430 (3) International Relations in Modern East Asia: Korea and Japan
ASIA 438 (3) Twentieth Century South Asia
ASIA 444 (3) Topics in Modern Japanese Fiction and Cultural History
ASIA 460 (3) Modern Asian Women in Narrative
ASIA 464 (3) Japanese Women's Self-Writing
ASIA 488 (3) Religion, Society, and State in Modern India
HINU 102 (6) Introductory Hindi-Urdu
HINU 200 (6) Intermediate Hindi-Urdu
HINU 205 (1) Introduction to Devanagari Script
HINU 300 (6) Advanced Hindi-Urdu
HINU 305 (2) Introduction to the Perso-Arabic (Urdu) Script
HINU 400 (6) Introduction to Hindi and Urdu Literature
JAPN 406 (3) Readings in Modern Japanese Essays
JAPN 408 (3) Readings in Modern Japanese Literature
KORN 104 (6) Basic Korean Grammar
PUNJ 205 (1) Introduction to the Gurmukhi Script
PUNJ 300 (6) Advanced Punjabi
SOAL 100 (6) Khichri: the South Asian Languages of Vancouver

Changes ASIA 320 - change in credits and number to ASIA 311
ASIA 370 - change in credits and number to ASIA 310
ASIA 375 - change in credits and number to ASIA 360
ASIA 415 - change in credits and number to ASIA 315
ASIA 417 - change in credits and number to ASIA 411
ASIA 321 - change credits, hours
ASIA 324 - change number to ASIA 367
ASIA 327 - change number to ASIA 377
ASIA 360 - change number to ASIA 379
ASIA 365 - change number to ASIA 381
ASIA 366 - change number to ASIA 382
ASIA 368 - change number to ASIA 383
ASIA 369 - change number to ASIA 387
ASIA 387 - change number to ASIA 328
ASIA 388 - change number to ASIA 428

Change in program description. Under "Twelve-credit Requirement", the entry marked "Hindi", change to read: Hindi-Urdu HINU 102 (6) and HINU 200 (6). Delete note c.

Changes under "Literature Requirement" due to changes in course numbers.

Changes to various Calendar entries.

Deletions ASIA 105, 115, 206, 225, 302, 322, 325, 330, 335, 340, 345, 347, 350, 355, 362, 385, 405, 420, 423, 424, 435, 438, 445, 447, 450, JAPN 400, HIND 102, 110, 200, 405, 410, SOAL 401

CANADIAN STUDIES

Change Change to Calendar entry for Minor in Canadian Studies

CLASSICAL, NEAR EASTERN AND RELIGIOUS STUDIES

Change LATN 305 - change credits, description, hours

CREATIVE WRITING

Change CRWR 416 - change title, description, hours
CRWR 417 - change credits, description, hours
CRWR 439 - change credits, hours

ENGLISH

New Program Minor in English (Language)

Changes ENGL 323 - change description
ENGL 481 - change credits, title, hours, number to ENGL 368
ENGL 483 - change credits, hours, number to ENGL 396
ENGL 484 - change credits, hours, number to ENGL 415
ENGL 496, 497 - change credits, description

Change in program description

Deletions ENGL 480, 482, 485, 486, 487, 488, 489, 490
Delete sentence: ENGL 480-499 are for Honours students only

New course ENGL 399 (0) Cooperative Work Placement

ENVIRONMENTAL STUDIES PROGRAM

Change in program description

FRENCH

New courses FREN 125 (6) French through Culture and Civilization
FREN 224 (6) An Interdisciplinary Approach to French

GERMANIC STUDIES

Changes GERM 100 (6) Beginners' German, split into two courses:
GERM 131 (3) Beginners' German 1
GERM 132 (3) Beginners' German 2
GERM 200 (6) Intermediate German, split into two courses:
GERM 231 (3) Intermediate German 1
GERM 232 (3) Intermediate German 2
GERM 300 (6) Advanced German 1, split into two courses:
GERM 331 (3) Intermediate German 3
GERM 332 (3) Intermediate German 4

- Changes GERM 310 (6) Advanced German 2, split into two courses:
 GERM 334 (3) Advanced German 1
 GERM 335 (3) Advanced German 2
GERM 410 (6) Advanced German 3, split into two courses:
 GERM 431 (3) Advanced German 3
 GERM 432 (3) Advanced German 4
GERM 430 (6) German for Reading Knowledge, split into two
courses:
 GERM 433 (3) German for Reading Knowledge 1
 GERM 434 (3) German for Reading Knowledge 2
SCAN 301 (6) Elementary Swedish, split into two courses:
 SCAN 302 (3) Elementary Swedish 1
 SCAN 303 (3) Elementary Swedish 2
GERM 110 - change title, credits, description, hours, number to 233
GERM 210 - change title, credits, description, hours, number to 333
- Deletions GERM 104, 204

INTERNATIONAL RELATIONS PROGRAM

Change in program description

LATIN AMERICAN STUDIES PROGRAM

New course LAST 100 (3) Introduction to Latin American Studies

MODERN EUROPEAN STUDIES PROGRAM

Change in program description

PSYCHOLOGY

New course PSYC 349 (3) Honours Seminar

Change in program description

POLITICAL SCIENCE

Changes POLI 100 - change credits and hours
 POLI 200 - change number to 101
 Change prerequisite for POLI 301, 302, 303, 304, 305, 306, 307
 from POLI 200 to POLI 101

Change program descriptions

SCHOOL OF MUSIC

- New course MUSC 440 (4) Piano Pedagogy II: Applications
- Changes MUSC 100, 101, 200, 201 - change credits, title, description, hours
 MUSC 164, 300, 301 - change title, description, hours
 MUSC 249 - change title, description, number to 149
 MUSC 349 - change title, description, prerequisite, and number to 249
 MUSC 149 - change prerequisite, and number to 349
 MUSC 440 - change title, description, hours, number to 340
 MUSC 410 - change credits, title, description, prerequisite
 MUSC 411, 412, 413, 414, 415 - change title, description, prerequisite
- Change in Major program
- Change in degree requirements
- Deletions MUSC 105, 205

SCHOOL OF SOCIAL WORK

- Change SOWK 310 - grade on a pass/fail basis

Faculty of Dentistry

- Redesignation of course numbers according to new departmental names
- Delete all first and second year courses - Dentistry will be starting a new curriculum with the Faculty of Medicine in 1998, and all first and second year courses will change.
- New course OBMS 405 (3) Oral Microbiology and Immunology

Faculty of Education

CURRICULUM STUDIES

- Change MAED 471 - change title
 MUED 302, 303, 405 - change prerequisites
 MUED 307, 308, 401 - change prerequisites
 MUED 321, 322 - change title, description
 CUST 321 - change description, was ARTE 321
 CUST 322 - change title, description, was ARTE 322
 ARTE 405 - change prerequisite
- New course TSED 320 (2) Curriculum and Instruction in Technology:
 Elementary

EDUCATIONAL PSYCHOLOGY AND SPECIAL EDUCATION

- Change EPSE 437 - change title, description, prerequisite
 EPSE 403, 436, 448 - change title, description

LANGUAGE EDUCATION

- | | |
|------------|---|
| New course | MLED 320 (2) Curriculum and Instruction in Modern Languages:
Elementary |
| Change | READ 391 - change description
MLED 312 - change credits
LANE 335 - change description |

TEACHER EDUCATION

- | | |
|---|---|
| Middle Years Option - course numbers for the orientation school experience and for the extended practicum | EDUC 323 (0) Orientation School Experience
EDUC 419 (18) |
| Deletions | ARTE 321, 322, MUED 321, 322 |

Faculty of Forestry

FOREST SCIENCE

- | |
|--|
| New program - specialization in International Forestry |
|--|

FOREST RESOURCES MANAGEMENT

- | |
|--|
| New program - specialization in International Forestry |
|--|

BACHELOR OF SCIENCE IN CONSERVATION PROGRAM

- | | |
|---------|--|
| Changes | Delete PHIL 435 as an elective
CONS 200 - change title, description, hours, prerequisites
CONS 440 - change description and prerequisites
CONS 498 - change credits
CONS 330 - change title, description and prerequisites |
|---------|--|

Program changes

BACHELOR OF SCIENCE IN FORESTRY PROGRAM

- | | |
|-----------------|---|
| New course | FOPR 388 (3) Analytical Methods in Forest Hydrology |
| Program changes | |
| Change | FRST 351 - change description, credits |

WOOD SCIENCE

- New courses WOOD 386 (3) Applied Mechanics of Materials
 WOOD 467 (3) Product Development and Design in the Wood Industry
 WOOD 477 (3) Wood Building Design
 WOOD 478 (3) Building Science
 WOOD 485 (3) Furniture Construction
- Program changes and change in Calendar description of Areas of Concentration
- Deletions WOOD 371, 372, 374, 377, 401, 470, 488
- Changes WOOD 242 - change prerequisite, hours
 WOOD 271, 335, 461, 487 - change prerequisites
 WOOD 273 - change hours, description, prerequisite to corequisite
 WOOD 280, 376 - change hours
 WOOD 282, 312, 330, 411, 412, 440, 464, 490, 491, 494 - add prerequisite
 WOOD 290 - add prerequisite, change title, description, hours
 WOOD 430 - add prerequisite, change hours

Faculty of Graduate Studies

APPLIED SCIENCE

- Delete APSC 552, 554, 556

AUDIOLOGY AND SPEECH SCIENCES

- Changes AUDI 514 - change prerequisites
 AUDI 522, 560, 564 - change credits

Program changes

CHEMICAL ENGINEERING

- Change CHML 589 - change title, description

CIVIL ENGINEERING

- Changes CIVL 505 - change title
 CIVL 506 - change title, description
 CIVL 524 - change description and credits
 CIVL 525 - add description
 CIVL 558 - change title, description
 CIVL 559 - change title, description, add prerequisite
 CIVL 565 - change title, description
 CIVL 569 - change title, prerequisite
 CIVL 584 - change title, description
- Deletion CIVL 514

COMMERCE

- | | |
|-------------|---|
| New courses | COMM 633 (3) Modelling Methods in Information Systems
BALA 503 (1.5) Commercial Law |
| Changes | BAAC 501, 502 - change title
BAFI 501, 502, 503, 507 - change title
BAHR 503, 506, 510, 523 - change title
BAIM 500, 503, 511 - change title
BAIT 512 - change title
BAMA 502, 506 - change title
BAPA 508 - change title
BAUL 503, 508 - change title |

CREATIVE WRITING

- | | |
|--------|---|
| Change | CRWR 516 - change title
CRWR 517, 539 - change credits |
|--------|---|

EDUCATIONAL PSYCHOLOGY AND SPECIAL EDUCATION

- | | |
|------------|--|
| New course | EPSE 595 (3) Qualitative Methodologies in Educational Psychology and Special Education |
|------------|--|

ELECTRICAL AND COMPUTER ENGINEERING

- | | |
|------------|---|
| New course | ELEC 545 (3) Signal Compression |
| Changes | ELEC 575, 590 - change title, description, credits
ELEC 594 - change credits |

HUMAN KINETICS

Change Calendar entry to read:

Degree opportunities at the master's level must be completed with 30 credits of study, to be arranged by the student in consultation with his or her assigned Faculty advisor.

LIBRARY, ARCHIVAL AND INFORMATION STUDIES

- | | |
|--------------|--|
| New programs | Master of Arts in Children's Literature
Joint M.A.S./M.L.I.S. |
| Change | ARST 595 - change in course evaluation |

MECHANICAL ENGINEERING

- | | |
|-------------|---|
| New courses | MECH 507 (3) Analytical Dynamics
MECH 515 (3) Finite Element Analysis of Non-linear and Field Problems
MECH 516 (3) Optimal Mechanical Design
MECH 523 (3) Intelligent Control |
|-------------|---|

Appendix A

New courses	MECH 524 (3) Intelligent Robotic Systems MECH 525 (3) Supervisory Control Systems MECH 560 (3) Experimental Methods in Mechanics MECH 578 (3) Internal Combustion Engines MECH 581 (3) Low Speed Aerodynamics MECH 582 (3) Experimental Fluid Mechanics MECH 583 (3) Boundary Element Theory MECH 584 (3) Advanced Engineering Acoustics MECH 591 (3) Production Engineering MECH 592 (3) Machine Tool Structures and Vibrations MECH 593 (3) Metal Removal Processes MECH 594 (3) Computer-Integrated Manufacturing
Deletions	MECH 564, 570, 574, 579, 585
Change	MECH 568 - change credits

MUSIC

Change	MUSC 564 - change title, description, hours
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School of Human Kinetics

New course	HKIN 389 (3) Neuromuscular Integration of Human Movement
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Faculty of Law

Change	LAW 352 - change credits
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Faculty of Medicine

New course	ANAT 391 (3) Introduction to Gross Human Anatomy ANAT 393 (4) Human Anatomy for Physical Therapy Students
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Change	ANAT 390 - change credits, description
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Internship Education Program in Biochemistry -

New courses:	BIOC 398 (3) Internship Work Placement I BIOC 399 (3) Internship Work Placement II BIOC 498 (3) Internship Work Placement III BIOC 499 (3) Internship Work Placement IV
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Faculty of Pharmaceutical Sciences

Change PHAR 455 - change title, credits, term length

School of Rehabilitation Sciences

OCCUPATIONAL THERAPY

New course RSOT 210 (3) Enabling Occupation: A Practical Approach

Changes RSOT 207 - change credits and hours
RSOT 303 - change title, delete description
RSOT 307 - change hours, delete description
RSOT 323 - change title, hours
RSOT 416 - change title, description

Change in Calendar entry re selection of applicants

Delete RHSC 205 as a requirement for Occupational Therapy

PHYSICAL THERAPY

Change Calendar statement to:

Secondary school prerequisites are Physics 11 and Physics 121. 1PHYS 100 will be accepted in lieu of Physics 12.

Faculty of Science

Change first paragraph of Calendar entry on Limitation of Enrolment

General Science Program, Minor Programs, Minor in Arts, Minor in Commerce -
change in program statements

AQUACULTURAL SCIENCE

Delete honours program

BIOCHEMISTRY AND MOLECULAR BIOLOGY

Change in programs

New program Internship Education Program

New courses BIOC 398 (3) Internship Work Placement I
BIOC 399 (3) Internship Work Placement II
BIOC 498 (3) Internship Work Placement III
BIOC 499 (3) Internship Work Placement IV

BIOLOGY

- New courses BIOL 355 (6) Lectures in Vertebrate Physiology
 BIOL 442 (3) Ethical Issues in Science
- Changes BIOL 446 - change credits, title, description
- Change in program statement on Third Year Standing in Biology
- Changes in major and honours programs

COMPUTER SCIENCE

- New course CPSC 252 (4) Program Design and Data Structures for Engineers
 CPSC 349 (0) Honours Research Seminar
 CPSC 410 (3) Advanced Software Engineering
- Change CPSC 310 - change title, prerequisite, hours
 CPSC 449 - change title, description, prerequisite
- Changes in major and honours programs

EARTH AND OCEAN SCIENCES

- New course OCGY 404 (3) Physical Control of Oceanographic Processes
- Changes EOSC 315 - change description, prerequisite
 OCGY 412 - change prerequisite

GEOGRAPHY

- Changes GEOG 102 - change title, description
 GEOG 103 - change title, description, hours
 GEOG 404 - change title, description, corequisite, number (was
 CIVL 450)

MATHEMATICS

- Changes MATH 120 - change prerequisite
 MATH 130 - change description and prerequisite
- Change in program statement on honours program
- Deletions MATH 254, 350

MICROBIOLOGY AND IMMUNOLOGY

- Changes MICB 408 - change in hours
 MICB 448 - change description, prerequisite
 MICB 449 - change prerequisite
- Change in program footnotes

Appendix A

PHARMACOLOGY AND THERAPEUTICS

Change in program statement under "Pharmacology" heading

Calendar statement for 5-year B.Sc. Co-operative Education Program in Pharmacology

PHYSICS

New course PHYS 343 (3) Physics by Inquiry

STATISTICS

Deletion STAT 346

Change STAT 441 - change description and prerequisite

Change in program statement on First Year Requirements

Appendix B

EDITORIAL CHANGES TO THE ACADEMIC REGULATIONS SECTION OF THE CALENDAR

The material in the "Examinations" section (page 15) has been rearranged for clarity. "Grading Practices" is now a separate section, rather than a sub-section within Examinations. Definitions of a number of standings that appear on the back of official transcripts have been added.

There are no changes in policy. New material is indicated by a vertical bar in the left margin. The revised sections follow.

Examinations

Formal examinations are held in most courses in December and April. Other tests are held at the discretion of the instructors and faculties concerned. All prescribed examinations are mandatory. Students who miss an examination either in December or April because of medical, emotional or other problems should apply as soon as possible to the dean of their faculty or the director of their school for academic concession (see Academic Concession).

Senate Policy on Examinations

The following regulations were approved by Senate in October 1976 and amended in December 1990 and apply generally across campus except to the Faculty of Graduate Studies and to post-graduate professional faculties.

1. Faculties are urged to make full use of the formal examination periods, both in December and in April, and unless the relevant dean and head, for sound academic reason, grant exemption, all courses designed for first- and second-year students be examined in December as well as April.
2. The holding of any examination, formal or informal, during the two weeks preceding the formally scheduled examinations of December and April is forbidden. (This recommendation does not apply to regular weekly or bi-weekly tests or to traditional and current practices in laboratories.)
3. Scrupulous adherence by invigilators (members of faculty and other invigilators) to the regulations governing the invigilation of examinations is mandatory.
4. Smoking shall not be permitted during the examinations nor during lectures. (This applies equally to members of faculty and to students.)
5. Faculties are urged to curtail the use of the "take-home" examination, both in the extent of its administration and in the weight assigned to it in the calculation of marks.

Rules Governing Formal Examinations

1. Each candidate must be prepared to produce, upon request, a Library/AMS card for identification.
2. Candidates are not permitted to ask questions of the invigilators, except in cases of supposed errors or ambiguities in examination questions.
3. No candidate shall be permitted to enter the examination room after the expiration of one-half hour from the scheduled starting time, or to leave during the first half hour of the examination.

4. Candidates guilty of any of the following, or similar, dishonest practices shall be immediately dismissed from the examination and shall be liable to disciplinary action.
 - a. Making use of any books, papers or memoranda, calculators, computers, audio or video cassette players or other memory aid devices, other than those authorized by the examiners.
 - b. Speaking or communicating with other candidates.
 - c. Purposely exposing written papers to the view of other candidates. The plea of accident or forgetfulness shall not be received.
5. Candidates must not destroy or mutilate any examination material; must hand in all examination papers; and must not take any examination material from the examination room without permission of the invigilator.

Examination Results

Instructors may, subject to the policy in their department, school or faculty, post student grades using lists showing student numbers in numeric order. Student names must not be shown. If instructors intend to post grades it is their responsibility to ensure that all students are advised of this before any grades are posted. Students may request that their grades not be posted. Departments, schools or faculties may ask professors not to post grades until they have been reviewed. All grades must be clearly labeled "Unofficial".

Official grades are mailed to students following the Winter and Summer Sessions. Any student who must meet an application date for another institution before their official grades are received should contact the transcript clerk in the Registrar's Office to make arrangements to meet the deadline. Official grades for Guided Independent Study courses are mailed to students as soon as possible after they are approved.

Students can contact the on-line Student Service Centre ://www.student-services.ubc.ca/cgi-win/servmall.exe or call the Student Information System at (604) 280-8228 for grades that are on the Student Information System and have been approved for release.

Viewing Marked Examinations

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

Deferred and Supplemental Examinations

Deferred and Supplemental examinations will be held in late July or early August. Applications must be made to the Registrar's Office by June 20, 1997 and must be accompanied by the required fee.

Examinations may be written at the University and at standard centres in Campbell River, Cranbrook, Dawson Creek, Kamloops, Kelowna, Kitimat, Nanaimo, Nelson, Penticton, Port Alberni, Powell River, Prince George, Prince Rupert, Vernon, Victoria, Whitehorse, YT and Williams Lake. (This list of locations is subject to change.)

In special cases a student may be permitted to write examinations at a university outside British Columbia or at a special centre other than a university if satisfactory arrangements can be made within Canada. Since permission is contingent on completion of arrangements, only early applications to write in special centres will be considered.

In the event that a candidate is unable to write an examination, a refund of the required fee will be considered if the candidate submits an adequate explanation to the Registrar prior to the scheduled examination period.

Supplemental Examination Policy

Supplemental examinations regulations vary among faculties and are described in the appropriate faculty or school entry. Students are governed by the regulations of the faculty or school in which they are registered.

Supplemental examinations are not available in all faculties or in all courses. In courses in which proficiency is judged on a continuing basis throughout a term, or in which final examinations are not given, or in Commerce and Pharmaceutical Sciences courses where the final examination contributes less than 40% of the course grade, no supplemental examinations are provided.

Supplemental examinations are not granted to students registered in a graduate program. However, a course in which a grade of less than 65% was obtained may be repeated for a higher standing if recommended by the department and approved by the dean of Graduate Studies. In a course that is repeated, both marks will appear on the transcript. The higher mark will be used to determine promotion in a program and in any decision to admit a student or withdraw a student from a program. Averages calculated for other purposes will include both marks.

Where a supplemental examination is provided a student may write it in an attempt to obtain "higher standing" in the course concerned. The result of the supplemental examination will be shown on the student's record as an additional entry. In some situations a higher mark may enhance a student's chance of meeting some specific program requirement.

In the Summer Session a student who satisfactorily completes a six-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.

In all but the final year a candidate who has been granted a supplemental may write it once only. If the candidate fails, the course must be repeated or a permissible substitute taken. Normally in the final year a second supplemental examination may be written.

If a supplemental examination is not written by the end of the next regular supplemental examination period for that session, the supplemental standing will be removed.

If a student, because of exceptional circumstances, is permitted to postpone a supplemental beyond the first regular supplemental examination period the student will be responsible for the content of the course as currently offered. If the course is discontinued, the supplemental privilege may be cancelled.

Grading Practises (new section title with a reference in the index)

In most faculties, individual courses are normally graded as follows:

Percentage	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 (Fail)

The Faculties of Dentistry, Medicine and Graduate Studies and the Schools of Library and Archival Studies, Nursing, and Rehabilitation Sciences, define Fail ("F") as below 60%.

Faculties, departments and schools reserve the right to scale grades in order to maintain equity among sections and conformity to University, faculty, department or school norms. Students should therefore note that an unofficial grade given by an instructor might be changed by the faculty, department or school. Grades are not official until they appear on a student's academic record.

A few programs of study make provision for an "honours standing". This is explained in the appropriate faculty or school entry. However, in most faculties where "honours" is used it is applied to a study program where expectations in terms of achievement and level of study are higher than in other programs.

Standings

Aegrotat (AEG): allows a student credit for a course even though the course requirements have not been completed due to medical, emotional or other difficulties. This standing is awarded only if the course instructor and the dean agree that the student has demonstrated the capacity to deal with the course material satisfactorily. When AEG standing is awarded, a letter grade is assigned. This will be converted to the minimum percentage for that category for the calculation of averages.

Audit (AUD): granted to students who have been officially approved as audit status. These students are expected to complete all course requirements except the final exam, and may be given Fail (F) standing if their performance is not satisfactory. Refer to "Classification of Students" in Undergraduate Admissions section.

Exempt (EX): student has registered for a required course from which she or he is exempt.

Adjudicated pass (J): credit is granted and the course need not be repeated although it may not normally qualify as a prerequisite for further work. (The grade assigned by the instructor is used in the calculation of averages.)

Pass (P) or Fail (F): no grade assigned, excluded from calculation in all averages; P - requirements of subject completed satisfactorily, credit granted where applicable; F - fail

Supplemental (S): failure, no credit, supplemental privilege granted. Refer to Supplemental Examinations section.

Deferred (SD): may be granted when a student has a valid reason for not completing course requirements as scheduled and does not qualify for Aegrotat standing. Students granted Deferred standing in Winter Session courses must complete all outstanding course requirements by August 23 following. Students granted Deferred standing in Summer Session courses must complete all outstanding work by December 25 following. Students granted Deferred standing are responsible for making satisfactory arrangements with their instructors for completion of outstanding course requirements. If a student fails to complete deferred requirements by the dates specified, the Deferred standing will be replaced with a grade or standing that reflects requirements completed in the course. Students unable to meet the specified deadlines because of further medical, emotional or other difficulties must make an additional application for Academic Concession no later than August 31 for Winter Session courses or December 31 for Summer Session courses following the original deferral. Refer to Deferred and Supplemental Examinations section.

Thesis (T) in Progress (T): graduating essay not submitted; course continuing. If a student in a baccalaureate program who receives a "T" standing in a graduating essay or other course approved by the faculty completes the course within 12 months of the end of the term in which the student first registered for the course the "T" standing will be replaced by the grade assigned. If the course is not completed within 12 months the "T" standing will be replaced by a grade of zero (or "F" standing in a Pass/Fail course).

Withdrawal (W): official withdrawal. Refer to "Withdrawal" in this section.