

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
ON MONDAY, DECEMBER 2, 1985, KLAUS RIECKHOFF HALL, 7:00 P.M.

OPEN SESSION

Present: Saywell, W.G., Chairman

Alderson, E. (replacing R.C.Brown)

Archer, B.

Berggren, J.L.

Coleman, P.

Clayman, B.P.

Dobb, T.C.

Geen, G.

Goodman, D.

Graham, G.A.C.

Hoegg, J.L.

Ivany, J.W.G.

Kazepides, A.C.

Kennedy, P.E.

Kimball, M.

Lo, N.K.

Love, C.E.

Pinfield, L.T.

Rainey, R.J.S.

Rieckhoff, K.E.

Roberts, M.C.

Salter, L.

Saunders, R.

Scott, I.M.

Singh, M.

Steele, A.G.

Strate, G.

Tay, P.

Tuinman, J.

Verdun-Jones, S.

Warsh, M.

Weinberg, H.

Wells, E.J.

Heath, W.R., Secretary

Grant, B., Recording Secretary

Absent: Almassy, E.

Basham, G.

Cercone, N.

Chant, J.F.

Cleveland, W.

D'Auria, J.M.

Fellman, M.

Flynn, G.

George, D.A.

Hamilton, W.M.

Holweg, B.

LeBon, C.

Marx, R.

McAllister, H.

Muscroft, J.C.

Nielsen, V.

Noonan, M.

Valentine, C.

Vining, A.

In attendance:

R.Cameron

S. Duguid

W.S. Luk

A. Sherwood

1. Approval of the Agenda

The Agenda was approved as distributed.

2. Approval of the Minutes of the Open Session of October 8, 1985

The Minutes were approved as distributed.

3. Business Arising from the Minutes

There was no business arising from the Minutes.

4. Report of the Chairman

The Chairman reported on the successful consummation of an exchange agreement between Jilin University in China and Simon Fraser University. Jilin University was an excellent match with SFU in that many of its strengths were comparable to Simon Fraser and it was hoped that a good number of SFU students would be enjoying summer school there next year.

5. REPORTS OF COMMITTEES

i) Paper S.85-44 - Senate Nominating Committee - Elections

Following are the results of elections to fill vacancies on the undernoted Senate committees:

Senate Committee on Academic Discipline

One Faculty Member Alternate to replace E.J. Wells for a one-year term of office, from date of election to September 30, 1986.

Elected by acclamation: P.E. Kennedy

Senate Committee on Continuing Studies

One Faculty Senator to replace A. MacPherson for balance term of office, from date of election to September 30, 1986.

Elected by acclamation: A. Vining

One Student Senator to replace A. Steele for balance term of office, from date of election to September 30, 1986.

Elected by acclamation: P. Tay

Senate Appeals Board

One Faculty Senator Alternate to replace J. Ross for no specified term of office.

Elected by acclamation: L. Salter

5. REPORTS OF COMMITTEESi) SENATE COMMITTEE ON CONTINUING STUDIESa) Paper S.85-45 - Annual Report

S. Duguid joined the meeting to answer questions and provide further information.

In response to an inquiry, he briefly outlined how stipends were allocated through the Extension Credit Program. L. Pinfield felt that not all evening and downtown courses necessarily meet the needs of students and pointed out that many students who are working to support their full-time studies sometimes have a great degree of difficulty choosing between gainful employment and a course which may be only offered in the evening, for example. He noted that because of budgetary restrictions often the only way to offer a course is through a stipend from Continuing Studies which then can only be offered in the evening or downtown with a much smaller course enrolment than a normal course offering on campus would have. He felt departments, judging from their own academic priorities, should be able to determine the kind of courses to be offered and he wondered what had happened to a suggestion made in the President's address about the future of SFU last September that evening courses currently funded from stipends of Continuing Studies would be integrated into Departments.

W. Saywell responded that as a result of discussions immediately following that address, it was found that the stipend system could not be moved into departments as easily as he had thought.

Brief discussion followed with regard to the percentage figures of FTE's in extension credit courses.

ii) SENATE COMMITTEE ON UNDERGRADUATE STUDIESa) Paper S.85-46 - Deletion of courses not offered
Moved by K. Rieckhoff, seconded by B. Clayman.

"That Senate approve and recommend approval to the Board of Governors, that the following courses be deleted:

CHEM 007 - Chemistry in the World: An Experimental
Approach

PHYS 235 - Introductory Physics Laboratory C

PHYS 198 - Periphysical Topics III

PHYS 199 - Periphysical Topics

PHYS 494 - Special Topics in Physics

CMPT419 - Special Topics in Computing Science II"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that in the following instances, SCUS agreed that the response received was sufficient justification to retain the course for the present, with the assurance that those courses being retained while the curriculum is being actively reviewed, will be subject to scrutiny in one year (*denotes such courses): KIN. 451, KIN. 452, *MACM 360, BICH 440, *~~BISC 440~~, *BISC 346, *BISC 437, *BISC 447, *BISC 418.

b) Paper S.85-47 - Philosophy

Moved by K. Rieckhoff, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-47, the proposed new course PHIL 451 - Kant"

It was noted that the majority of new courses coming before Senate for approval specify that no additional faculty or budgetary resources are required and concerns were expressed about their impact on the frequency of course offerings. In response to an inquiry as to the status of a task force which had been established to look into such curriculum matters, G. Ivany indicated that the Task Force was actively meeting and would report to Senate in due course; however, he was not sure of the scheduled date for completion of its deliberations

Question was called and a vote taken.

MOTION CARRIED

Subject to the approval of the course by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of PHIL 451 in Summer 86-2.

Senate received information that the Senate Committee on Undergraduate Studies acting under delegated authority at its meeting of November 12, 1985 approved a change of title and description for PHIL 452.

c) Paper S.85-48 - Psychology

Moved by H. Weinberg, seconded by S. Verdun-Jones,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-48, the proposed
Deletion of PSYC 460 - Social Psychology
New Courses - PSYC 461 - Attitudes, Social Cognition, and the Self
PSYC 462 - Interpersonal Relations and Group
Processes"

Reference was made to the statement contained in the support documentation about current enrolment problems with PSYC 460 and concern was expressed that splitting the course into two would exaggerate such a problem. In response, M. Kimball pointed out that since the

content of 460 will be divided, not all students currently interested in 460 will want to take both courses and therefore she did not feel this split would exaggerate an enrolment problem.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, at its meeting of July 23, 1985, approved a change in course description for PSYC 385.

d) Paper S.85-49 - Criminology

Moved by S. Verdun-Jones, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-49, the addition of PSYC 340-3 - Psychopathology to the list of upper division Psychology courses from which Criminology Majors/Honors may select up to twelve (12) credit hours in partial fulfillment of the requirement for a Major/Honors in Criminology"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, at its meeting of October 29, 1985, approved the following changes:

- CRIM 210 - Change in course title and description
- CRIM 302 - Change of prerequisite
- CRIM 310 - Change course title, description and prerequisite
- CRIM 312 - Change of prerequisite
- CRIM 332 - Change of prerequisite
- CRIM 412 - Change course title and description

e) Paper S.85-50 - Business Administration

MOTION #1:

Moved by E. Love, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-50, that BUS. 336 be included in the core course requirements for all business majors, including joint majors"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by E. Love, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-50, the proposed new course: BUS. 422 - Seminar in Accounting"

P. Kennedy pointed out that the Faculty of Business Administration had made a past decision to relax their offerings in the area of accounting and questioned whether or not there has been a change in philosophy with regard to the introduction of 400-level seminars in accounting. He also expressed concern about the impact a new course offering would have given the number of students and limited faculty available to teach in this area. L. Pinfield replied that tenure-track faculty are supplemented with Lecturers and Sessional appointments and pointed out the accounting faculty provides opportunity to take specialized topics in accounting by Special Topics courses.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, at its meeting of November 12, 1985, approved the following:

BUS. 336 be changed from 5 credits to 4 credits

Change of title for BUS.442 to Introduction to Marketing Research

Change of title, description and prerequisite for BUS. 445

Change of course number and vector from BUS.415 (2-2-0) to BUS.315 (3-1-0)

Change of prerequisite for BUS. 413

Change of description for BUS. 472

f) Paper S.85-51 - Education

R. Saunders, on behalf of the Senate Committee on Undergraduate Studies, requested that Item (1) of the first motion (the split of EDUC 406 into two courses) be withdrawn from consideration.

Moved by J. Tuinman, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-51, the proposed new courses:

EDUC 448-4 - Law in the Curriculum

EDUC 482-4 - Designs for learning: educational uses
of computers"

Brief discussion ensued with respect to the question of resources for EDUC 482 and J. Tuinman informed Senate that the Faculty of Education has sufficient hardware and software

to teach this particular course at the present time. He also provided a brief summary of the course content in response to an inquiry as to why this was labelled a 400-level course.

Question was called, and a vote taken.

MOTION CARRIED

Subject to the approval of courses by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of EDUC 448-4 and EDUC 482-4 in Summer 86-2.

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of November 12, 1985, approved change of title for EDUC 474-4.

g) Paper S.85-52 - Biological Sciences

MOTION #1:

Moved by G. Geen, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-52, the changes in the minor program in Biological Sciences"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by G. Geen, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-52, the proposed new courses:

BISC 312-3 - Environmental Toxicology I

BISC 313-3 - Environmental Toxicology II

BISC 445-3 - Environmental Physiology of Animals

Question was called, and a vote taken.

MOTION CARRIED

MOTION #3:

Moved by K. Rieckhoff, seconded by G. Geen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-52, the deletion of BISC 311-3 - Introduction to Environmental Toxicology"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #4:

Moved by K. Rieckhoff, seconded by H. Weinberg,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-52, the changes to the Environmental Toxicology Minor Program and the Environmental Toxicology ESD Program"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 29, 1985, approved changes in prerequisites for BISC 301, 302, 304, 305, 404, 422 and 201; and change of vector for BISC 400 to 3-1-0.

h) Paper S.85-53 - Chemistry

Moved by K. Rieckhoff, seconded by G. Geen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-53, the proposed new course: CHEM 363-3 - Kinetics and Mechanism"

Question was called, and a vote taken.

MOTION CARRIED

i) Paper S.85-54 - Math & Statistics

MOTION #1:

Moved by G. Geen, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-54, the proposed new courses:

MATH 110-3 - Mathematics for the Social and
Management Sciences

MATH 161-0 - Honors Supplement for Calculus I

MATH 162-0 - Honors Supplement for Calculus II"

In response to a concern raised about the prerequisite of an A grade in Algebra 12, C. Graham advised that this is a standard prerequisite statement in the Department and is interpreted by the Department as Algebra 12 or its equivalent. Since there was no statement to that effect in the current departmental literature in the Calendar, the Chair

suggested the Department may wish to include such a statement at some point in the relevant departmental material.

Question was called, and a vote taken.

MOTION CARRIED

Subject to the approval by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of these courses in Spring 86-1.

MOTION #2:

Moved by K. Rieckhoff, seconded by C. Graham,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-54, the entry level requirements in Mathematics"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 29, 1985, approved (i) change of prerequisites for MATH 190-3; (ii) change of calendar description for MATH 262-4; (iii) change of calendar description and prerequisites for MATH 263-4.

j) Paper S.85-55 - Physics

MOTION #1:

Moved by K. Rieckhoff, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-55, the proposed minimum grade requirements"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by K. Rieckhoff, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-55, that a statement on computer skills be added under Physics Major and Physics Honors requirements."

Question was called, and a vote taken.

MOTION CARRIED

MOTION #3:

Moved by K. Rieckhoff, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-55, the recommended courses for an Applied Physics Option"

K. Rieckhoff wished to apprise Senate of the fact that the Department had originally proposed this Option as a Major program in Applied Physics. However, SCUS felt for a variety of reasons that it would be very difficult to obtain approval as a major since it would be considered a new program and therefore have to go forward to the Universities Council for consideration. SCUS decided, with the concurrence of the Physics Department, to propose an Applied Physics Option with recommended courses. As a result of this, it was noted that students might encounter entry problems with the computing courses since they will not receive consideration by Computing Science for entry into these courses as they would if they were a required part of a program. He felt this proposal would most likely be back before Senate for approval as a Major but in the meantime it was a good package to recommend to students and urged Senate to support it.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 29, 1985, approved changes in prerequisites for PHYS 331-3 and PHYS 332-3.

k) Computing Science

i) Paper S.85-56

MOTION #1:

Moved by B. Clayman, seconded by N.K. Lo,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-56, the new GPA requirement for declaration"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by D. Goodman, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-56, that the declaration CGPA be lowered to 2.5"

Question was called, and a vote taken.

MOTION CARRIED

ii) Paper S.85-57

W.S. Luk and R. Cameron from the School of Computing Science joined the meeting to answer questions and provide further information.

MOTION #1:

Moved by L. Pinfield, seconded by R. Saunders,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-57, that the regulations governing formal acceptance of transfer and second degree students into Computing Science programs be established as follows:

1. A transfer or second degree student who has completed at least 12 credits of computing-related courses (courses which can be used in calculation of the Computing-Related GPA Requirement for Declaration) at SFU will be considered for admission to a Computing Science program on the same basis as any other student (i.e. based on CGPA and Computing-Related GPA over courses taken at SFU)

2. A transfer or second degree student who has not completed at least 12 credits of computing-related courses, but who has at least 57 semester hours of credit and has credit for all the lower division course requirements of a Computing Science program may apply to the School for special admission consideration based on transcripts from other post-secondary institutions"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by L. Pinfield, seconded by R. Saunders,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-57, the changes to lower division requirements"

Brief discussion took place with regard to the process of liaison between departments in the area of service courses and whether or not such liaison had occurred between Math and Computing Science in this instance. R. Cameron advised that the Math Department had been kept informed of changes which Computing felt affected that Department but the changes in their entirety had not been forwarded.

Question was called, and a vote taken.

MOTION CARRIED

MOTION #3:

Moved by L. Pinfield, seconded by R. Saunders,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-57, the new course proposals:

CMPT 307-3 - Data Structures and Algorithms

CMPT 309-3 - Introduction to Formal Languages
and Automata with Applications

CMPT 412-3 - Computational Vision

CMPT 490-3 - VLSI Systems Design"

C. Graham expressed concern with regard to an overlap problem between CMPT 309 and MACM 306 and 402 which are courses taught by Mathematics. He explained that the matter had been discussed at some length with Computing but there was a difference of opinion which he felt could only be resolved by referral back to SCUS. He pointed out this concern also applied to Motion #5 with respect to the proposed changes to the Upper Division Degree Requirements for Majors also dealing with CMPT 309.

R. Saunders stated that the matter of overlap had not been an issue at SCUS; R. Cameron advised that although Computing Science was aware of some concerns within Mathematics Department, it was his understanding that the course had received approval by the Mathematics Undergraduate Curriculum Committee. Brief discussion followed.

Moved by G. Ivany, seconded by T. Kazepides,

"That the item in Motion 3 concerning the proposed new course CMPT 309-3 be referred back to the appropriate committee to deal with the issue of overlap"

Question was called, and a vote taken.

MOTION TO REFER CARRIED

Question was called on Motion #3 as altered by the motion of referral, and a vote taken.

MOTION #3 (AS ALTERED) CARRIED

MOTION #4:

Moved by L. Pinfield, seconded by R. Saunders,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-57, course changes as follows:

CMPT 101 as specific prerequisite

Changes to CMPT 362

Renumbering of CMPT 380

Changes to CMPT 404

Prerequisite change for CMPT 406

Operating Systems Courses

Prerequisite change for CMPT 410"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #5:

Moved by L. Pinfield, seconded by N.K. Lo,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-57, the following changes:

Upper Division Reorganization

Elimination of Key Courses

Computing Presentation Requirement

Special Topics Courses

Upper Division Degree Requirements for Majors

Changes to Minor Requirements

Upper Division Credit Requirement for Transfer Students

DSDP Changes"

Moved by C. Graham, seconded by T. Kazepides,

"That the item in Motion 5 dealing with the proposed changes to Upper Division Degree Requirements for Majors be referred back to the appropriate committee for consideration"

Question was called, and a vote taken.

MOTION TO REFER CARRIED

Question was called on Motion #5 as altered by the motion of referral, and a vote taken.

MOTION #5 (AS ALTERED) CARRIED

iv) SENATE COMMITTEE ON ACADEMIC PLANNING

i) Paper S.85-58 - Proposed Cognitive Science Program

Moved by H. Weinberg, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, the following revisions to the Program in Psychology, Linguistics and Philosophy:

(a) that the (Joint-Majors) Program in Psychology, Linguistics and Philosophy be renamed as (Majors) "Program in Cognitive Science";

(b) that the curriculum for the Majors Program in Cognitive Science be as set out in Senate paper S.85-58, with a minimum grade point average of 2.0 required for entry and continuance;

(c) that an Honors Program in Cognitive Science be added with curriculum as set out in Senate paper S.85-58 and with a minimum grade point average of 3.0 required for entry and continuance"

Question was called, and a vote taken.

MOTION CARRIED

ii) Paper S.85-59 - Registration Priority System

A. Sherwood, Chairman of the Ad Hoc Committee on Registration Priority System joined the meeting to answer questions and provide further information.

MOTION #1:

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Senate delegate to the Senate Committee on Undergraduate Studies the responsibility to approve and review practices and procedures incorporating Motions 2 through 5 which follow into the University's registration system"

Question was called, and a vote taken.

MOTION CARRIED

MOTION #2:

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Faculties offering courses where student demand exceeds course enrolment limits be allowed to reserve a specified number of course places for particular groups of students, such as Majors, COOP students, etc."

Question was called, and a vote taken.

MOTION CARRIED

MOTION #3:

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Faculties offering courses where student demand exceeds course enrolment limits be allowed to specify GPA minima for entry into the course"

Speaking against the motion R. Rainey expressed concern that this motion, in allowing faculties and departments to establish a second gpa which students must reach in order to enter particular courses, could create a situation whereby a student at the 400-level would be denied entry into a particular course needed for graduation and since he would have so many credits accumulated it would be almost impossible by that time to allow a student to bring his gpa up to a level which would allow entry into the course or else he/she would have to spend an extra amount of time working on redundant courses to bring his/her gpa up to an acceptable level. He was also opposed to the two tier system for continuance which he felt this motion would create and pointed out that while a student technically may be able to continue with a gpa of 2.0 or higher, it is possible to find out later that it may not allow you to graduate because entry to particular courses are restricted.

Referring to the current enrolment pressures, K. Rieckhoff noted that it was impossible to accommodate current demands for certain courses and felt this option which was based on strictly academic merit was the only solution an academic institution could choose.

G. Ivany pointed out that while the formula weights a student's gpa, it also takes into consideration the number of semester hours completed thereby allowing a student with a lower gpa entry into a course needed for graduation and referred to the example contained on the final page of the Ad Hoc Committee's report.

Considerable discussion ensued with respect to the relationship of motion 3 to motion 4 and A. Sherwood provided further details as to how the proposed formula would operate. Concerns were expressed about allowing departments/faculties the possibility to introduce specific gpa minima for specific groups in specific courses and it was noted that it would be the responsibility of SCUS to determine whether such recommendations from departments/faculties were legitimate or not. Concern was expressed that such a process

would not allow enough time for students to receive advance notice to plan their studies should they find they cannot continue in a program because of a minima gpa on particular courses.

Lengthy debate continued in which a variety of opinions were expressed.

Question was called, and a vote taken.

MOTION FAILED

MOTION #4:

Moved by G. Ivany, seconded by K. Rieckhoff,

"That priority access to a reserved course place as set out in Motion 2 be determined on the basis of

- (a) semester hours completed, and to a lesser degree
- (b) level of performance in recent semesters"

P. Kennedy expressed concern that this motion would result in high demand programs graduating fewer students with a higher degree of specialization as opposed to graduating a larger number of students with a smaller degree of specialization and that students who were going to take courses in addition to those required would have priority over those who might have a lower gpa but needed the course to graduate and he wondered if this implication had been taken into consideration by the Committee. A. Sherwood responded that the intent of the system was that students who were working towards completion of their degree requirements would have greater access to courses and that once you have finished your requirements you would then have no additional priority and would have to compete for courses along with the other students in that level. G. Ivany added that priority of access to a reserved space would be determined on the basis of semester hours completed which meant the more hours completed, the higher the priority.

Concern was expressed about departments/faculties having the right to reserve specific spots for specific categories of students and, in response, it was pointed out that recommendations for such reservations would have to be documented through the Registrar's Office and approved by SCUS and that it would be the responsibility of SCUS to ensure that an adequate number of spots were left open to provide service courses to the University.

Question was called, and a vote taken.

MOTION CARRIED

MOTION #5:

Moved by G. Ivany, seconded by K. Rieckhoff,

"That in the case of WD withdrawals from courses where student demand exceeds course enrolment limits, students lose priority in that course for the next semester"

Speaking in opposition, R. Rainey felt the motion overlooked the reasons for course withdrawals which he felt were considerable and generally quite honorable and therefore students should have every right to expect full priority should they choose to return to the same course in the following semester.

K. Rieckhoff expressed opinion that in order to use resources effectively the University, especially in high demand programs, has to discourage withdrawals as much as possible and this was one way of doing so and one way of ensuring that students with lower priority will not be kept out of a course by students with a higher priority who are able to afford to withdraw.

Discussion turned to the issue of WE's as opposed to WD's and how this proposal would affect the administration of these procedures.

Question was called, and a vote taken.

MOTION CARRIED

v) SENATE GRADUATE STUDIES COMMITTEE

a) Paper S.85-60 - Changes to the Graduate Grading System

Moved by B. Clayman, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-60, the proposed change in the Graduate Grading System:

The Graduate Grading System be changed as follows:

- i) the introduction of A-, B+ and B- grades
- ii) replacement of P by C"

Speaking against the motion, K. Rieckhoff expressed opinion that evaluation of a graduate student should be different from the undergraduate because of the importance of the research requirement at the graduate level. He went on to provide brief background information as to why a different letter (P) was used at the graduate level instead of C and

pointed out that the current system had been carefully considered based on a certain philosophy.

B. Clayman advised that this proposal had been extensively discussed at all levels of the university and the majority of opinion at all levels was that in view of current practices and current feelings a finer scale of distinction should and could be made at the graduate level.

Speaking in favour of the motion, T. Kazepides advised that he currently makes these fine distinctions for his graduate grades and he would be pleased to officially see them on the student's transcript.

The Chairman interjected at this point to draw Senate's attention to Section V.A.7 of the Rules of Senate which state that the open session of any regular meeting normally shall terminate not later than 10:00 p.m. unless the time is extended by a motion.

Moved by T. Kazepides, seconded by B. Clayman,

"That the Open Session of Senate be extended for one-half hour"

Question was called, and a vote taken.

MOTION CARRIED

B. Archer inquired as to what had happened to a letter addressed to Senate from the graduate students in Sociology and Anthropology expressing their concerns about this particular motion. B. Clayman advised that the letter had been distributed and considered at a meeting of the Senate Graduate Studies Committee that afternoon and reported that the Committee did not choose to alter its recommendations to Senate. B. Archer believed it was the intent of the students to have the letter read by Senate and he went on to explain their concern that with this increased fine distinction there will be an unanticipated consequence linked up to how scholarships, stipends and TAs will be divided and that type of competitive system was felt to be undesirable and counterproductive to learning in general. B. Clayman pointed out that with the present system grade point criteria are brought to bear constantly and he did not see the relevance of this change in the method of assigning grades to the allocation of financial aid.

M. Roberts pointed out that most other universities in Canada have a more refined system for grading at the graduate level and he felt such fine tuning was very important, particularly at the Master's level where there was a large course work component, the proposed system would provide students with a much clearer indication as to how well they were doing.

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.85-61 - Biological Sciences

Moved by G. Geen, seconded by B. Clayman,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-61, the proposed Graduate curriculum changes in the Department of Biological Sciences:

- i) Deletion of courses:
 - BISC 809 - Student Seminar
 - BISC 825 - Forest Physiology
 - BISC 826 - Advanced Electrophysiology
 - BISC 835 - Photobiology
 - BISC 866- Selected Topics in Plant Development
- ii) Change of title/description for BISC 811 to:
The Molecular Biology of Prokaryotes. Selected modern studies in this area will be critically reviewed.
- iii) Change of title/description for BISC 861 to:
The Molecular Biology of Eukaryotes. Current research literature will be examined in detail.
- iv) Change of title/description for BISC 806 to:
Evolutionary Theory. A consideration of recent advanced and current controversies in our understanding of the development, diversification and adaptation of life through natural selection.
- v) Change of title/description for BISC 824 to:
Survival Strategies. An examination of how organisms acquire, sequester and allocate the resources necessary for survival.
- vi) Change of title/description for BISC 827 to:
Behavioural Ecology Seminar. An introduction to the important issues, methods and philosophy of behavioural ecology, and discussion current topics. Grading will be on a S/U basis.
- vii) Change of title/description for BISC 836 to:
Reproductive Strategies. An examination of the behavioural, ecological and life history means whereby organisms maximize their lifetime reproductive success."

Question was called, and a vote taken.

MOTION CARRIED

c) Paper S.85-62 - Computing Science

Moved by B. Clayman, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-62, the proposed addition to the Graduate Calendar for the School of Computing Science:

Admission from a Master's Program to the Ph.D. Program

The School does not encourage students to proceed to a Ph.D. without first obtaining an M.Sc.; however, a student who so desires may be admitted from an M.Sc. program to a Ph.D. program after having completed all of the courses required for the M.Sc. with a minimum CGPA of 3.5 and with the approval of the student's Supervisory Committee and the Director of the School of Computing Science. Application to change programs will be processed in the same manner as other applications for admission to the Ph.D. program"

Question was called, and a vote taken.

MOTION CARRIED

d) Paper S.85-63 - Business Administration

Moved by B. Clayman, seconded by T. Kazepides,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-63, the proposed changes to the Day MBA program:

- i) Change in credit requirements to:
 - Project Option: 8 courses plus a research project
 - Thesis Option: 6 courses plus a thesis
- ii) Delete from the approved list of Accounting courses:
 - BUS. 876-4 - Decision Support Systems;
 - Delete from the approved list of Organization Behavior courses:
 - BUS. 833-4 - Trends and Issues in Micro Organization Behaviour
 - BUS. 834-4 - Macro Perspectives on Organization
- iii) That the minimum number of courses in a supporting field will be two under the project option and one under the thesis option"

Question was called, and a vote taken.

MOTION CARRIED

e) Paper S.85-64 - MRM Program

Moved by B. Clayman, seconded by G. Geen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-64, the proposed graduate curriculum changes for MRM:

i) Change Calendar Entry to: Seventy-five (75) credit hours are prescribed for the program, fifty (50) of which are from the required group and twenty-five (25) are from the electives. With the approval of the Program Director, up to seven courses (35 credit hours) may be transfer credits from another institution."

Question was called, and a vote taken.

MOTION CARRIED

f) Paper S.85-65 - MRM 631

Moved by B. Clayman, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-65, the proposed change in title/description of MRM 631 to:

Applied Geomorphology and Hydrology. A review of geomorphic and hydrologic principles; the morphology of drainage basins; selected case studies."

Question was called, and a vote taken.

MOTION CARRIED

vi) SENATE COMMITTEE ON AGEND AND RULESi) Paper S.85-66 - Reorganization of the Senate Committee on Scholarships,
Awards and Bursaries

Moved by K. Rieckhoff, seconded by H. Weinberg,

"That Senate approve the reorganization of the Senate Committee on Scholarships, Awards and Bursaries as set out in Senate Paper S.85-66, including the formation of a Policy Committee, and Undergraduate and Graduate Adjudication Committees with memberships and responsibilities as defined"

Question was called, and a vote taken.

MOTION CARRIED

6. OTHER BUSINESS

The Chairman was asked to communciate Senate's unanimous congratulations and best wishes to Dr. David Strangway on his installation as the President of the University of British Columbia.

7. NOTICES OF MOTION

There were no notices of motion.

8. INFORMATION

The next regular meeting of Senate is scheduled for Monday, January 6, 1986.

The Assembly moved directly into Closed Session at 10:15 p.m.

W.R. Heath
Secretary of the Senate