

SIMON FRASER UNIVERSITY

S.81-65

MEMORANDUM

To SENATE

From SENATE COMMITTEE ON UNDERGRADUATE
STUDIESSubject PROPOSAL - MULTIPLE UNDERGRADUATE
DEGREES

Date MARCH 18, 1981

For some time there have been discussions at the Senate Undergraduate Admissions Board, later at the Senate Committee on Academic Planning, and more recently at the Senate Committee on Undergraduate Studies on the desirability of a change in regulations so as to permit a student to complete more than one undergraduate degree, either here, or elsewhere and here. These discussions arose from requests to consider this topic.

The discussions have ranged from a suggested requirement of not less than 30 credit hours of further approved work through to a requirement of not less than 60 credit hours of approved work. Whilst this topic was under discussion there were also reviews by various committees of the possibilities of certificates, diplomas and, in particular, the Extended Studies Diploma, multiple BGS degrees, and multiple minor programs. Discussions ranged broadly from regulations of a very restrictive type to ensure integrity of each individual degree through to rather broader regulations which would embrace the possibility of more than one degree from a faculty and possibly even in closely related areas. (Many institutions which permit multiple degrees do not allow more than one from a given faculty. The structure of SFU with its strong interdisciplinary approaches and multidisciplinary approaches creates a more complex setting for this broad topic.)

The papers provided will give some sense of the items addressed. It has not been considered necessary or useful to try to summarize various pro's and cons of items of agreement or disagreement in the long discussions. This transmittal memorandum (blue), with the specific motions to be addressed, gives the general sense of place of this topic so as to facilitate a decision by Senate. The other materials provide general background information on some dimensions.

The Senate Committee on Undergraduate Studies, and its subcommittee, accepted a number of the motions earlier approved by SCAP and built on that base. The final position represents a compromise and is perceived to be middle of the road.

The Committee believes that approval of the following motions by Senate would establish, along with regulations already in place, the regulations needed to initiate provision for multiple undergraduate degrees. Undoubtedly experience over time with the regulations may suggest some useful revisions and the intent would be to bring these forward from time to time.

MOTION That Senate approve the following additions to regulations to provide for completion of multiple undergraduate degrees:

1. The University should provide the opportunity for a student to complete, normally in series, more than one undergraduate degree in Arts, Science, Education, Interdisciplinary Studies.
2. The same general principles as are applied to Double-Major and/or Major/Minors within one degree with regard to:
 - a) preventing multiple semester-credit-hour counting; and
 - b) accepting multiple use of course-content with appropriate credit-hour replacementbe adapted in a suitable way and applied to multiple undergraduate degrees.
3. The place of origin of a first degree has bearing on entry for a further degree at SFU only in determining from recognized institutions the acceptability of grade point averages for admission and program eligibility.
4.
 - a) The basic requirement for any further degree shall be not less than 60 credit hours of additional work for a degree with a Major program (or for the BGS) and not less than 72 credit hours of additional work for a degree with an Honors program.
 - b) Of the minimum 60 credit hours required for a further degree with a Major program (or for the BGS), not less than 44-45 hours must be upper division work. Of the minimum 72 credit hours required for a further degree with an Honors program, not less than 60 hours must be upper division work.
 - c) The department in which the further degree is being taken has the right to require completion of prerequisite lower division courses in addition to the minima specified under 4 a) above.
5. General University regulations covering a first degree apply to a second degree - unless otherwise stated or clearly implied. These include, but are not limited to
 - a) minimum GPA required for graduation;
 - b) maximum number of transfer credit hours countable towards Minor/Major/Honors programs (minimum number of SFU credits required for Minor/Major/Honors programs);
 - c) maximum number of transfer credits countable as upper division work toward the minimum of 60 or of 72 as applicable;
 - d) Otherwise, general faculty and departmental regulations apply, except that students enrolled in further degrees are not required to complete group requirements.

6.

A student may not enrol in a further degree program at SFU in a subject in which

a) he/she already holds a degree from SFU or elsewhere;

b) i) a student who has a Minor (or equivalent) in a particular subject from SFU or elsewhere may enrol in a further SFU degree with a Major/Honors program provided that the formal conditions under 2. above are met. A further, pragmatic condition is that the program at SFU can accommodate to the satisfaction of the department involved the taking of a Major/Honors program in the same subject beyond the earlier Minor (or equivalent);

ii) A student taking this option will not be allowed to transfer courses from earlier Minors or near Minors and there can be no waivers granted on the basis of this earlier work. This means that 28-32 new course credits will have to be taken for a new Major, for example.

MULTIPLE UNDERGRADUATE DEGREES

Report submitted to SCUS by the Sub-committee on Multiple Degrees

established by Professor J.M. Webster

Assoc. Vice President Academic &

Chairman of SCUS, October 22, 1980

Members of the Sub-committee

Dr. E.W. Roberts, FACC, Chairman

Dr. K. Egan, Education Faculty

Dr. L. Peterson, Science Faculty

Mrs. S. Roberts, Administrative Assistant, Dean of Arts

Resource personnel

H.M. Evans, Registrar

In order to make the Sub-committee's report as clear and as easy to deal with as possible, the following format has been adopted:

- I. Acknowledgements.
- II. List of documentary sources and copies thereof. Such an inclusion provides SCUS with the necessary background information on the issue and eliminates the need for the Sub-committee to generate speciously novel or spuriously reworded motions and rationales when these are already available in adequate form in records of earlier discussions.
- III. Motions, progressing in series from the more general to the specific.
- IV. Notes. Referred to in the text of the Motions by superscript numbers, these are designed to inform SCUS, where it is deemed relevant, of procedures (dialectical, formal) adopted by the Sub-committee, or differences of opinion, reasonable alternatives, etc.

The report of the Sub-committee is now submitted to the Senate Committee on Undergraduate Studies for consideration.

I. ACKNOWLEDGEMENTS

The Chairman of the SCUS Sub-committee on Multiple Degrees wishes to express his sincere gratitude to: Drs. K. Egan and L. Peterson for their invaluable contributions to the work reported herein; to Mrs. S. Roberts, who had to withdraw for health reasons, for her participation in the first "rap session"; to Mrs. L. Morgan and Mrs. R. Norsworthy, recording secretaries, for their fortitude in surviving one meeting each of a committee consisting of three soft-spoken Celts - a Welshman, an Irishman and a Scotsman; to H.M. Evans, Registrar and Secretary of SCUS, the Sub-committee extends a particular expression of gratitude for the classic manner in which he was able to keep a committee with distinctly innate tendencies towards a Joycean stream-of-consciousness approach to the issue on a reasonably straight and narrow path! His ability to out-verbalise us merits nothing less than a Horatian tribute:

qui recte vivendi prorogat horam,
 rusticus exspectat dum defluat amnis; at ille
 labitur et labetur in omne volubilis aevum.

Epist. I. 2 41-43

II. SOURCES (Copies Appended)

1. SUAB Paper 68 (Revised). Amended version of J.H. Borden and D.L. Baillie 'Bachelor's Degrees Unlimited' submitted to SUAB Fall 1975. Sent to SCUS Secretary (undated) by A.C. McMillan and entitled 'Bachelor's Degrees Unlimited'. Reference designation: SUAB 68.

2. SCUS 80-55 MULTIPLE UNDERGRADUATE DEGREES September 17, 1980, containing extracts from Papers submitted to SCAP. Reference designation: SCUS 80-55 page 3.

3. MULTIPLE UNDERGRADUATE DEGREES; SOME ITEMS REQUIRING CONSIDERATION Unsigned. Attributed HME. Reference designation: HME September 1980.

III. MULTIPLE UNDERGRADUATE DEGREES*: MOTIONS TO SCUS

1. THE UNIVERSITY SHOULD PROVIDE THE OPPORTUNITY FOR A STUDENT TO COMPLETE, NORMALLY IN SERIES¹, MORE THAN ONE UNDERGRADUATE DEGREE IN ARTS, SCIENCE, EDUCATION, INTERDISCIPLINARY STUDIES.²

Refs. SCUS 80-55 p. 2 (c) (1); SUAB 68 s.v. RATIONALE 2), 3).

2. THE SAME GENERAL PRINCIPLES AS ARE APPLIED TO DOUBLE-MAJOR AND/OR MAJOR/MINORS WITHIN ONE DEGREE WITH REGARD TO

a) PREVENTING MULTIPLE SEMESTER-CREDIT-HOUR COUNTING;
AND

b) ACCEPTING MULTIPLE USE OF COURSE-CONTENT WITH APPROPRIATE CREDIT-HOUR REPLACEMENT

BE ADAPTED IN A SUITABLE WAY AND APPLIED TO MULTIPLE UNDERGRADUATE DEGREES.

Refs. SCUS 80-55 (c) (ii); SCAP 80-55 p. 3.

3. THE PLACE OF ORIGIN OF A FIRST DEGREE HAS BEARING ON ENTRY FOR A FURTHER DEGREE AT SFU ONLY IN DETERMINING FROM RECOGNIZED INSTITUTIONS THE ACCEPTABILITY OF GRADE POINT AVERAGES FOR ADMISSION AND PROGRAM ELIGIBILITY.

Ref. SCUS 80-55 (c) (iii).³

4. a) BASIC REQUIREMENT FOR ANY FURTHER DEGREE BE NOT LESS THAN 60 CREDIT HOURS OF ADDITIONAL WORK FOR A DEGREE WITH A MAJOR PROGRAM (INCLUDING B.G.S.) AND NOT LESS THAN 72 CREDIT HOURS OF ADDITIONAL WORK FOR A DEGREE WITH AN HONOURS PROGRAM.

b) OF THE MINIMUM 60 CREDIT HOURS REQUIRED FOR A FURTHER DEGREE WITH A MAJOR PROGRAM (OR B.G.S.) NOT LESS THAN 44-45 HOURS MUST BE UPPER DIVISION WORK. OF THE MINIMUM 72 CREDIT HOURS REQUIRED FOR A FURTHER DEGREE WITH AN HONOURS PROGRAM, NOT LESS THAN 60 HOURS MUST BE UPPER DIVISION WORK.

c) THE DEPARTMENT IN WHICH THE FURTHER DEGREE IS BEING TAKEN HAS THE RIGHT TO REQUIRE COMPLETION OF PREREQUISITE LOWER DIVISION COURSES IN ADDITION TO THE MINIMA SPECIFIED UNDER 4 a) ABOVE.

5. GENERAL UNIVERSITY REGULATIONS COVERING A FIRST DEGREE APPLY TO A SECOND DEGREE UNLESS OTHERWISE STATED OR CLEARLY IMPLIED. THESE INCLUDE, BUT ARE NOT LIMITED TO

a) MINIMUM GPA REQUIRED FOR GRADUATION;

b) MAXIMUM NUMBER OF TRANSFER CREDIT HOURS COUNTABLE TOWARDS MINOR/MAJOR/HONOURS PROGRAMS, (MINIMUM NUMBER OF SFU CREDITS REQUIRED FOR MINOR/MAJOR/HONOURS PROGRAMS);

c) MAXIMUM NUMBER OF TRANSFER CREDITS COUNTABLE AS UPPER DIVISION WORK⁴ TOWARDS MINIMA OF 60/72;

d) OTHERWISE, GENERAL FACULTY AND DEPARTMENTAL REGULATIONS TO APPLY, EXCEPT THAT STUDENTS ENROLLED IN FURTHER DEGREES ARE NOT REQUIRED TO COMPLETE GROUP REQUIREMENTS.

6. A STUDENT MAY NOT ENROL IN A FURTHER DEGREE PROGRAM AT SFU IN A SUBJECT IN WHICH

a) HE/SHE ALREADY HOLDS A DEGREE FROM SFU OR ELSEWHERE;

b) (1) A STUDENT WHO HAS A MINOR (OR EQUIVALENT) IN A PARTICULAR SUBJECT FROM SFU OR ELSEWHERE MAY ENROL IN A FURTHER SFU DEGREE WITH A MAJOR/HONOURS PROGRAM PROVIDED THAT THE FORMAL CONDITIONS

UNDER MOTION 2 ABOVE ARE MET. A FURTHER, PRAGMATIC CONDITION IS THAT THE PROGRAM AT SFU CAN ACCOMMODATE TO THE SATISFACTION OF THE DEPARTMENT INVOLVED THE TAKING OF A MAJOR/HONOURS PROGRAM IN THE SAME SUBJECT BEYOND THE EARLIER MINOR (OR EQUIVALENT);⁵

(ii) A STUDENT TAKING THIS OPTION WILL NOT BE ALLOWED TO TRANSFER COURSES FROM EARLIER MINORS OR NEAR MINORS AND THERE CAN BE NO WAIVERS GRANTED ON THE BASIS OF THIS EARLIER WORK. THIS MEANS THAT 28-32 NEW COURSE CREDITS WILL HAVE TO BE TAKEN FOR A NEW MAJOR, FOR EXAMPLE.⁶

IV. NOTES

* The term DEGREE refers in all cases where it occurs unmodified in the text to Bachelor's Degree (B.A., B.Sc., B.Ed., B.G.S. ...).

1. With the availability at SFU of the options of Double-Major etc., the Sub-committee could establish no rationale to support the principle of offering the opportunity of taking two or more degrees simultaneously. The word NORMALLY in the motion is intended to apply to cases such as the following:

Student X needs 3 credit hours to complete the requirements for his/her first degree. He/she may apply to take, for example, a further 12 credit hours in the last semester of his/her first degree and to count these towards a further degree.

See SCUS 80-55 p. 2 (d); SCAP 80-55 p. 4, 3) a, b.

2. a) In the event of the acceptance of the principle stated herein, the Sub-committee wishes to stress at the outset the importance of the Advice Systems (Departmental, Faculty and University) in providing guidance to the students on optimal use of the various alternatives available at SFU.

b) It should be clear in later motions referring specifically to ~~cases~~, Majors and Honours programs that the B.G.S. is automatically excluded in such cases.

3. This motion has the advantage of being satisfactory from several points of view. For instance:

a) Since a Department in which a student enrolls for a further degree has the clearly stated option of requiring course-work beyond the minimum 60/72 hours (Maj., B.G.S./Hons.), sufficient safeguards are built in to ensure maintenance of standards at SFU;

b) There is no need to write out special, institution-related requirements (cp. '81-81 Calendar, p. 42).

4. Students should be advised to read pp. 43-44 of the present Calendar very carefully and to check with the various Departments on the status of transfer credits vis-à-vis specific programs.

5. It was pointed out in the discussion on this topic that students taking this option could be advised of the possibility of utilising available Individual Study Semesters, Honours essay courses, etc..

6. The Sub-committee spent considerable time on this topic. One alternative suggestion worthy of further consideration, is that this option be withdrawn and full(er) use made of the ESD option.

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Dr. E.W. Roberts, Chairman
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..... FACC c/o DLL
.....
Subject..... Multiple Degrees.....

From..... L.K. Peterson
.....
..... Dept. of Chemistry
.....
Date..... 4 February 1981.....

The present Committee has been one of the more pleasant ones to serve on, and has proved extremely interesting in that detailed considerations of the fundamental philosophies of Undergraduate Degrees are required. We have examined the "Multiple Degree" proposal for a relatively short period of time, and my own views have developed and evolved somewhat slowly, for which I apologise.

It seems to me that all undergraduate degrees consist of two components, identifiable as a "knowledge" component and as an "intellectual" component. The "knowledge" component will clearly vary from discipline to discipline or subject to subject. The "intellectual" component, however, must have many features common to all disciplines. The "parts" of this component may be further recognised as skills of analysis, logic, interpretation, cognition, communication, verbalization, etc. etc.

The "honing of the mind", and the development of the intellectual skills would seem to be the primary goal of the University degree, with "knowledge" as the material upon which to exercise those skills. Thus a progressive development is envisaged, until "knowledge" and "intellect" ultimately qualify for the B.A. or B.Sc. distinction. Having qualified once, how can the individual repeat the process and "qualify" a second time? How can "graduates" and undergraduates be placed together in the same programme, and evaluated by a common yardstick? The answer, I believe, lies in the fact that a limited number of "undergraduate routes" are sufficiently different that they can provide distinctive learning experiences. In these circumstances there is a rational justification for a second Undergraduate degree. It leads to a motion of the type:

"The University should provide the opportunity for a student to complete, normally in series, more than one undergraduate degree in Arts, Science, Education and Interdisciplinary Studies, provided that the individual degree programmes require substantively different academic demands and intellectual skills."

I would also like to see a further statement - "and provided that high academic standards are maintained throughout the mono- and multiple-undergraduate degree systems". This statement places demands and expectations upon S.F.U. as an institution, and requires some measure of accountability. The transfer of credits "on faith", with little or no knowledge of course content or quality, becomes a questionable practice. There is a danger that relaxations of requirements and standards that are made in order to "accommodate" the second degree become the precedent for slippage at the first degree stage. The increasing loads of interpretation that falls upon Departmental counsellors is indicative of a lack of policy, and cannot contribute to defined, rational and constancy of scales of standards at S.F.U. Since it is the University (not Departments) that grants degrees, a senior committee (e.g. Senate) should be responsible for the integrity of its qualifications.

MEMORANDUM

200 3000

Senate Committee on
Undergraduate Studies

From H.M. Evans
Secretary
SCUS

Subject MULTIPLE UNDERGRADUATE DEGREES

Date September 17, 1980

I. GENERAL BACKGROUND INFORMATION

(a) Recommendation was made some time ago that the University remove its policy which prevents a student from receiving more than one undergraduate degree from SFU, or from SFU and elsewhere. Some recommendations were submitted through SUAB for consideration by SCAP. There was preliminary discussion at meetings of SCAP with a number of questions being raised but without final resolution of a paper to go forward to SCUS and Senate.

At the times the submission was before SCAP, that body was clearing provisions for the then about to be introduced Extended Studies Diploma and various certificates. There was suggestion for some time that provision of the Extended Studies Diploma might remove requirement for multiple degrees. This later changed. SCAP was also receiving proposals which had been made to introduce double minor degrees in Faculties other than Education. The potential interrelationships were complex, particularly as final decisions had not been made, with recognition that a number of policy regulations would be required to be added relative to the Extended Studies Diploma.

A number of these items have since been resolved and within the past year changes and additions to regulations covering the Extended Studies Diploma were made and have improved the operating conditions and requirements for those documents. The advances in that area were made by establishing a small working committee to address the issues and submit papers to SCUS and Senate.

In the discussions held at SCAP there were a number of decisions made relative to multiple undergraduate degrees. At the same time a number of issues still require resolution. On the basis of the decisions made by SCAP, it had been accepted that the next stages primarily are the concern of SCUS and require consideration and approval by that body before submission to Senate.

(b) A copy of each of the following items is provided herewith.

(i) Multiple Undergraduate Degrees - a paper considered by SCAP, with some changes from meeting to meeting, which indicates

a number of questions which were to be addressed. The paper has not been fully updated. Some questions have been answered and the results are given below. Copies of some current appropriate calendar pages are attached.

- (ii) A copy of the proposal from SUAB is appended. That proposal is subsumed by the later developments at SCAP.
- (c) SCAP has approved the following motions.
- (i) That in principle the University should provide the opportunity for a student to complete more than one undergraduate degree.
 - (ii) That the same general principles as are applied to double-majors and/or major/minors within one degree with regard to
 - (1) preventing multiple semester-credit-hour counting and
 - (2) accepting multiple use of a course-content with appropriate credit-hour replacement be adapted in a ~~similar~~ way and applied to double undergraduate degrees *suitable*
 - (iii) That the place of origin of the first degree has no bearing on entry for the second degree
 - (iv) That requirements for a second undergraduate degree be not less than 60 credit hours of further work beyond the first undergraduate degree
- (d) SCAP was discussing the following motion but did not complete decision -
- " That a student normally should not be permitted to register for two undergraduate degrees concurrently. "
- Decision is required.
- (e) Decision is needed on the number of hours and types of hours of the 60 hours needed which must meet specific requirements; e.g.
- (i) minimum number of upper division courses to be taken
 - (ii) courses for a major
for a minor if possible
for honors
 - (iii) a BGS and the conditions
 - (iv) transfer credit, if any, if none (or a small number) have been taken

(v) regulations covering various interrelationships, as for majors, minors, double, joint, diplomas, certificates, etc.

(vi) related topics

(f) Members now will know that the minimum credits for an Extended Studies Diploma was established at 30.

They also will know that decision was made to not extend the double minor provisions in lieu of a major for other than Education, and earlier discussions to contemplate a type of BGS in each Faculty were discontinued.

II. ACTION PROPOSED

That SCUS establish a small working committee to consider and recommend on various aspects of proposals for multiple undergraduate degrees to provide report back with proposal in writing to the Chairman of SCUS prior to October 31st. (It is proposed that the committee may include one or more persons who are not members of SCUS, but may be designated by a Dean or by the Chairman of SCUS; that the Secretary of SCUS will act as Secretary of the subcommittee and as resource person, and that the subcommittee be chaired by the Chairman of SCUS or his designate; that meetings commence immediately. A list of issues to be reviewed is available for the working committee.)

Encs.
HMF:jf

Multiple Undergraduate Degrees

(In the following the use of credit hours 30, 45, etc., shall be taken to represent a norm rather than exact. Thirty normally in the Faculty of Arts may mean 28 in Science or 32 in some departments in Arts, etc.)

i) This topic potentially is one of considerable complexity, raising questions akin to those considered by SCUS and Senate in relation to double-major programs, to major-minor programs, and to the as yet unresolved joint-major programs and joint-honors programs. Attention is drawn, therefore, to the current principles and regulations shown in the 1977/78 Undergraduate Calendar, pages 32, 34 (special notes on double-majors, major-minor, etc.), Appendix I herewith.

ii) The Senate Undergraduate Admissions Board considered a submission entitled "Bachelor's Degrees Unlimited" (SUAB 68), which was designed basically to remove the current restriction at Simon Fraser University that a student cannot obtain more than one undergraduate degree (from here, or from elsewhere and here) and to make possible the taking of two or more undergraduate degrees from here or from elsewhere and here. It was made clear that approval in principle was being sought and suggested that details of implementation could be worked out by the appropriate offices.

The basic paper adapted a number of current principles and it required that a student complete at least two further years (60 semester hours or more) with a new major subject of at least 30 upper division semester hours not already taken in the new discipline, as specified by the Department concerned. It also proposed that if there were duplication of course work between the student's former studies and anticipated new major study programs such that there would be fewer than 30 upper division credits available in the new field the request to pursue the second degree should be denied.

There was limited opposition by some that 60 hours be required; by some on potential undue overlap; and other concerns. SUAB approved the paper in principle with details to be developed. A number of details were considered, revisions were undertaken, and a rewritten paper was developed, but with minimum details and with insufficient details to permit potential implementation or even adequate necessary discussion. A copy of that paper is provided herewith, Paper SUAB 68 revised. (When that paper was developed there was no suggestion of the present proposals for diplomas and certificates.)

The SUAB paper basically takes the position that any student with a first degree (whether from Simon Fraser University or from another university) be treated much like a transfer student with two years completed, requiring not less than sixty hours for the second degree here, with at least 30 of those hours in upper division work in the new major discipline and not used in any way on the first degree.

It clearly applies one of the two main principles which currently pertain to double-majors or major-minors on a single degree in that it prevents multiple-counting of semester-hours credit. However it does not make clear, but rather seems to deny, a second principle that an upper division course might be used in multiple ways for content purposes across degrees if there is appropriate credit-hour replacement. It seems obvious that if this were not permitted there would be great restriction as a course compulsory for the second degree major may have been taken as an elective, or on a minor, for the first degree.

Without such provision the situation could be relatively straightforward for a department with many upper-division courses and with few restrictions in the matter of compulsory courses; it could be potentially restrictive or prohibitive for a department with few upper division courses or with many compulsory courses. For example, if in his first degree here a student took no courses from a small or a restrictive department he potentially could take his second degree through that department. If, however, he took a few sample upper division courses (or, even worse, a compulsory upper division major course) from that department on his first degree either as an elective or on a minor he could be barred from completing a second degree, but might do so if there were enough unused upper courses.

In particular, without some special provisions of the type used to facilitate double-majors and major-minors on a single degree, a student with a double-major on his first degree could be more restricted from a second degree than would a student with a single major and broad electives. In any given disciplines a student with a major-minor would be less restricted than a double-major student but more restricted than a single-major student with broad electives. An honors student similarly could be more restricted than a general student because of the additional courses needed in the given honors subject.

It should also be noted, however, that if great flexibility be permitted a number of somewhat unclear or anomolous, and possibly suspect, situations could arise. At present, on a single degree a student cannot obtain recorded entry of both a minor and a major in a single discipline. He can obtain recorded entry of a minor (or minors) and a major (or majors) in separate disciplines. Could a student with a first degree at S.F.U. with major in X and minor in Y take a second degree with major in Y (by including 30 upper division hours not already taken in Y - or, even more interestingly, by including a further 30 upper division hours of which only 15 are in Y and with the other 15 in either free, or authorized, replacement credits for the 15 used for the minor in Y on the first degree)? In either case over the two degrees the student would then have a major in X, a minor in Y, a major in Y. This theoretically could be carried over two degrees with a major in X, minor in Y on degree one, and minor in X, major in Y on degree two, but hopefully would not be approved as the minor in X would follow the major in X. It is because of these types of concerns that the SUAB paper takes a somewhat restrictive, but possibly understandable approach.

One additional item should be observed. At present, on any single degree, a student must include at least 45 hours of upper division work with at least 30 hours in the major subject (except BGS has no major). This applies to fully internal students or to transfer students. The SUAB paper, on the second degree, does not make this requirement of 45 upper division hours, but does require 30 hours of not-previously-taken upper-division work in the new major. It allows the remaining 30 hours of the 60 needed to be either all lower division or upper division or a combination, giving great flexibility (possibly unneeded) to pick up prerequisites. If the SUAB paper be modified for greater flexibility in other ways it then may be desirable (if the second degree calls for a further sixty hours) to require that 45 of those hours normally be upper division with at least 30 to be upper division in the new major subject (or in appropriate upper division replacement courses).

Because of the variety of approaches which might be undertaken, and with some recognition of the brief discussions in SCAP as compared with the SUAB approach, it seems necessary that there be further preliminary discussion to aid in the development of a refined paper or papers for review at a subsequent meeting.

A question which will arise is that of whether the same or different conditions should be applied to students who i) have their first undergraduate degree from S.F.U. and desire a second one; ii) have their first undergraduate degree from elsewhere and desire a second one.

It seems desirable that there be reasonable equitability of opportunity for students who wish to obtain generally equivalent qualifications. At the same time it is considered essential that there be no doubt about the credibility and standards applied to the earning of any certificate, diploma, degree, or combination thereof from this institution. As a first condition, therefore, the following recommendation is made - particularly with reference to a student with a first undergraduate degree from S.F.U. desiring a second undergraduate degree. Discussion may indicate if it is appropriate for others.

* Recommendation:

That the same general principles as are applied to double-majors and/or major-minors within one degree with regard to

- a) preventing multiple semester-credit-hour counting and
- b) accepting multiple use of a course content with appropriate credit-hour replacement

be adapted in a suitable way and applied to double undergraduate degrees.

Although there has been some discussion at SCAP concerning multiple degrees, and in particular on a possible Extended Studies Degree, there has not been discussion in depth pending some clarification in the SUAB multiple undergraduate degrees. It has not been clear as to how or whether an

Extended Studies degree might differ, or need differ, or should differ from the proposed regular multiple undergraduate degrees. The SUAB paper proposed not less than a further sixty hours beyond the first degree; some suggestions at SCAP have been for an Extended Studies degree of 30 or 45 or more credit hours beyond the first degree.

Normally the SUAB paper, when adequately developed, would have gone forward to SCUS rather than SCAP but is here appropriately because of the interrelationship of current discussions on degrees. It seems necessary that the present general position of SCAP be determined as it relates to the SUAB general proposals. The following types of questions arise, and it is suggested that general discussion possibly with straw votes be taken in an attempt to clarify the position. At this stage of development further formal motions may prove inhibitive to proper development.

A Few Questions

(Recognizing that much further development of the SUAB paper is required and looking for a suitable base on which to proceed)

1. Does SCAP support the principle of a change in present policy to permit a student to complete more than one undergraduate degree
 - a) at Simon Fraser University, or
 - b) elsewhere and then at Simon Fraser University?
- 2a) Does SCAP support the general proposal as put forth by SUAB on the matter of multiple undergraduate degrees with a requirement of at least sixty hours of further work beyond the first degree for a second undergraduate degree
 - i) for students with a first degree from S.F.U. seeking a second undergraduate degree (rather than a diploma) from S.F.U.?
 - ii) for students with a first degree from elsewhere seeking a second undergraduate degree (rather than a diploma) from S.F.U. OR
- b) Does SCAP support some other thought loosely suggested earlier at SCAP for less than sixty hours of further work beyond the first undergraduate degree for a second undergraduate degree (rather than a diploma) as indicated in a)? If so, what would be an appropriate minimum number of hours and under what type of conditions. The intent will be to ask questions about those with a first degree from S.F.U., and those with a first degree from elsewhere as in a) if necessary.
3. In view of the perceptions to this point should a student normally be permitted to register at the undergraduate level
 - a) concurrently for two undergraduate degrees
 - b) for a second undergraduate degree only after the first is
 - i) fully completed
 - ii) substantially completed, e.g. the student is completing

Semester Hours Credit

Semester hours are weights assigned to each course. Most lower division courses are of 3 semester hours weight. A normal course load for a student in full attendance in a semester is 15 semester hours. Semester hours are also referred to as credit hours, credits, hours or semester hours of credit. Requirements for degrees are expressed, in part, in semester hours credit.

The semester hour weight is shown for each course as follows:

Course	Course Number	Semester Hours
Geography (GEOG)	222	3

Numbering of Courses

Each course is identified by the name of the subject followed by a course number, the number of semester hours credit, and the title of the course, e.g. English (ENGL) 103-3, Introduction to Drama.

The first digit of the number represents the general level of the course. Usually students in levels 1 and 2 will take the 100 courses; those in levels 3 and 4 will take the 200 courses; those beyond level 4 will take the 300 and 400 courses. The second and third digits of the number are used by the departments to indicate the subject area covered and the sequence of the course.

The fourth digit (the one after the dash) indicates the semester hours credit carried by the course. In the example, English (ENGL) 103-3 is a 3 semester hours credit course.

Levels

University undergraduates in Canada are traditionally classified as first year (Freshman), second year (Sophomore), third year (Junior), or fourth year (Senior) students. Since the term "year" does not apply to the trimester system the student's progression is expressed in terms of levels.

"Level" refers to the status of an individual student's program. The first four undergraduate levels (i.e. the first 60 semester hours of credit) are referred to as the lower levels. The levels beyond level 4 (i.e. 5 and above) are referred to as the upper levels. Each level normally would be the equivalent of one semester's work with a full course load (see sample Illustrative Charts below).

Illustrative Chart for Four Year General Degree Program

Level	Semester Hours	Traditional Terms
Lower Levels	1	First Year - Freshman
	2	
	3	
	4	
Upper Levels	5	Second Year - Sophomore
	6	
	7	Third Year - Junior
	8	
Total: 170 Semester Hours		Fourth Year - Senior

Illustrative Chart for Four Year Honors Degree Program

Level	Semester Hours	Traditional Terms
Lower Levels	1	First Year - Freshman
	2	
	3	
	4	
Upper Levels	5	Second Year - Sophomore
	6	
	7	Third Year - Junior
	8	
Total: 132 Semester Hours		Fourth Year - Senior

Division

"Division" refers to the description of undergraduate courses. Undergraduate credit courses numbered in the 000, 100 and 200 series (i.e. from 001 to 299, inclusive) are referred to as lower division courses; those number 300 and above (i.e. from 300 to 499 inclusive) are referred to as upper division courses. In certain instances, upper division course may be taken in the lower levels and lower division courses may be taken in the upper levels (refer to specific Calendar regulations pertaining to requirements for degrees).

Degree Program, Honors, General - Major, Minor

There are two main types of undergraduate programs at Simon Fraser University: Honors programs leading to the Honors degree and General programs leading to the General degree. These two types of programs are offered in most departments, and reference will be found to Honors, Majors, Minors.

To be granted a degree, a student must satisfy certain requirements which usually ensure a depth of study as well as a reasonably meaningful combination of courses. These requirements, called a degree program, are mainly expressed in terms of the number of credit hours in lower and upper division courses to be taken in and outside of the subject(s) of concentration. Depending on the extent of concentration or depth of study in a subject area, the degree program may include an Honors program, a Major program, a Minor program or certain combinations.

Students are encouraged to sample a wide range of courses before focusing on any one particular subject area of concentration but normally must commit themselves as to their subject(s) of concentration before they enter the second half of the degree program. They should be cognizant of any prerequisite studies which they may need to undertake in the first four levels for their particular program. These may range from very few, as needed for the Bachelor of General Studies degree, to a relatively heavy requirement, for an Honors program in some science subjects. For the specific requirement of any particular Honors program, or Major program, or Minor program, refer to the Calendar entries for the appropriate faculty and department.

Honors Program

An Honors degree requires completion of at least 132 semester hours credit, and completion of an Honors program. An Honors program requires completion of approximately 48-50 semester hours credit in specified upper division courses in the Honors subject or field, normally taken in the upper levels. There are varying semester hour requirements in the lower division courses needed for different Honors programs. (See faculty and department requirements.)

Major Program

A General degree requires completion of at least 120 semester hours credit and normally, completion of a Major program. A Major program requires completion of approximately 28 to 30 semester hours credit in upper division courses as specified in the subject or field of the Major, normally taken in the upper levels. There are varying semester hour requirements in the lower division courses needed for different Major programs. (See faculty and department requirements. With special approval two Minors may be substituted for a Major on the B.Ed. degree. The B.G.S. degree has broad requirements.)

Minor Program

A Minor program requires completion of at least 14 to 18 hours of upper division courses as specified in the subject or field concerned. To qualify for a specific Minor on a degree program, at least 7 semester hours of the upper division credit used toward the Minor must have been completed through Simon Fraser University courses. It also requires completion of any stipulated lower division requirements.

It may be utilized as part of the requirements on a degree program.

Double Major Program

The General degree may include completion of two Major programs. The student must complete (i) the lower division requirements for each of the Major subjects selected; (ii) at least 28 hours of upper division courses as specified in each of the two subjects in which the Majors are to be claimed; (iii) any other requirements of the departments concerned in which the Majors are taken; (iv) the requirements of the faculty in which he/she will receive the degree. This permits the undertaking of two Majors within a single faculty or across faculties. The Bachelor's degree awarded will be determined according to the faculty for which all requirements have been met or, if the requirements of more than one faculty have been met, then from whichever one faculty the student selects. (See notes following.)

Major-Minor Program

The General degree may include the completion of a Major program and of a Minor program. The student must complete (i) the lower division requirements for each of the Major subjects selected; (ii) at least 28 hours of upper division courses as specified in each of the two subjects in which the Majors are to be claimed; (iii) any other requirements of the departments concerned in which the Majors are taken; (iv) the requirements of the faculty in which he/she will receive the degree. This permits the undertaking of two Majors within a single faculty or across faculties. The Bachelor's degree awarded will be determined according to the faculty for which all requirements have been met or, if the requirements of more than one faculty have been met, then from whichever one faculty the student selects. (See notes following.)

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all other requirements of the department concerned in which the Major is in the lower division requirements and upper division requirements for the Major selected, and the requirements of the faculty in which he/she will receive her degree.

This permits the undertaking of a Major and of a Minor within a faculty or across faculties.

*Special Notes: Double Major Program, Major-Minor Program

1. In the Double Major program, for the requirement of at least 28 hours upper division courses in each of two Major subjects, the student may use the same upper division course for formal credit toward both Majors. Similarly in the Major-Minor program, for the requirement of at least 14 hours of upper division courses in the Major subject and of 14 to 18 hours of upper division courses in the Minor subject, the student may not use the same upper division course for formal credit toward both Major and Minor. One course might fulfill "content" requirements of two related areas, but in such a case additional replacement credits in upper division work satisfactory to one of the departments or program committees must be taken in one of the subjects to fulfill overall credit requirements for two Majors or for the Major plus Minor respectively. For the lower division requirements, a single course could fulfill both content and credit requirements as a prerequisite, but no course can carry double credit towards total credits needed for a degree. Note that, in a number of countries possible in the B.A. or B.G.S. degree (since many usable courses for both these degrees are offered through the Faculty of Arts), there are certain constraints on usage of both lower and upper division courses.
2. Students are cautioned to refer carefully to overall requirements of faculties of SFU for degree requirements, as the requirements for a specific degree must be fulfilled. If in doubt, seek advice from the *Academic Advice Centre*. Some departments require specific prerequisite courses for entry into some upper division courses, and some faculties require completion of a minimum number of upper division courses taken in the upper levels of study to fulfill degree conditions. Some faculties require completion of a minimum number of credits within the faculty to qualify for a degree. In some instances, therefore, a student desiring a double Major or a Major-Minor involving subjects in more than one faculty may require more than 120 semester hours to fulfill the requirements of the General degree with two Majors or with a Major-Minor.

3. A student who may have elected a Double Major program or a Major-Minor program must complete the requirements of the General degree with two Majors or with a Major-Minor.

Certificate Program

A certificate program should, in the main, consist of regular lower division courses. Upper division courses may be included. The study program should be the equivalent of between one-half and one full year of university study (18 to 30 credit hours). See the *Continuing Studies* section (12.) of this Calendar for the specific requirements of individual certificate programs. Credits applied to one certificate may be applied also to Major programs or Minor programs or to a Bachelor's degree under the normal regulations governing these programs but may not be applied to another SFU certificate or diploma. Admission to SFU is required.

Diploma Program

A diploma program should, in general, consist of regular upper division university courses; graduate courses may be included. The study program should be the equivalent of one full year or more of university study (30 or more semester hours). Semester hour credits applied to one diploma may not be applied to another SFU certificate of diploma or degree, and vice versa. A first university degree or the equivalent normally is a prerequisite but, if stipulated, mature applicants particularly suited to a program because of experience also may be admitted.

Lectures, Tutorials and Laboratories

Although there are variations among the departments, the basic method of instruction at SFU in lower division courses comprises the combination of a large lecture section and small tutorial groups. The large lecture enables as many students as possible to hear the very best teachers in the University. The small tutorial groups provide more personal instruction and an opportunity for discussion of the readings and lecture material. The typical course consists of two lectures and one tutorial a week. Notable exceptions are the sciences and languages, where a laboratory may be involved.

The general method of instruction for each course is given in the vector, which appears as a set of three numbers or words in brackets below and to the right of the course description. The word vectors generally indicate whether the course is taught as lecture, tutorial, seminar, laboratory, or combination of these methods. Where numbers appear, as in the Faculty of Science, they generally indicate: first, number of hours of lecture per week; second, number of hours of tutorials or seminars per week; and third, the number of hours of laboratories per week.

Course Descriptions

The description of courses in each departmental section of this Calendar outlines briefly the subject area to be covered in the course and the prerequisite courses where applicable (i.e. the courses which

Credit Courses

These courses carry semester hours credit and count towards the total required for a degree certificate or diploma, subject to the regulations governing the degree.

Credit-Free Courses

These courses carry no credit and do not count toward a degree, certificate or diploma. At times, these courses have been referred to as "non-credit courses."

Correspondence Courses (DISC)

Certain courses offered by SFU may be taken as correspondence (Directed Independent/Study) courses. These courses may be taken entirely by mail, with the student progressing at his/her own rate up to a set maximum time for completion.

MEMORANDUM

Revised

H.M. Evans
Secretary, SCUS
Bachelor's Degrees Unlimited

From Alan C. McMillan
Secretary, SUAB
Date

A proposal allowing students to study in Arts, Science and Education for a second bachelor's degree was presented to SUAB by J.H. Borden and D.L. Baillie in the Fall of 1975. The Senate Undergraduate Admissions Board agreed with the principal and on the basis of the discussions the original paper was amended and is herewith submitted to SCUS for consideration and eventual referral to Senate, provided the proposal is approved by your committee.

ACM/cl

PREAMBLE

Simon Fraser University has a long-standing policy which denies most persons who already hold a Bachelor's degree in Arts, Science, or Education, the privilege of earning a second or additional one. This policy holds regardless of the institutions at which the original degrees were granted, and regardless of the programme of studies pursued at Simon Fraser University. The reasons for the present policy are not obvious and we contend that this policy should be revised as outlined below.

MOTION: That persons who hold fully recognized degrees in Arts, Science or Education, be allowed one or more additional Bachelor's degrees, provided that each new degree at Simon Fraser is in a different major field of study than the person's previous degree(s).

RATIONALE:

1. Students holding Bachelor's degrees in programmes other than Arts, Science or Education are eligible to study for a second degree at Simon Fraser University.
2. Many students want to obtain a degree(s) in a new field of study because of changing, or renewed academic, or career goals.
3. Other institutions allow second degrees in the same Faculty and without a change in policy Simon Fraser stands to lose some very good students.

IMPLEMENTATION:

Degreed persons should be evaluated individually by the Department in which they wish to major. Administratively, they should be subject to the same, or similar criteria as transfer students, or students who change their major subject within the University. They should be granted no more than 60 semester hours transfer credit. In the four

semesters or more in which they pursue their new major, they should complete at least 30 hours of upper division credit in the new major subject, as specified by the Department concerned. If there is duplication of course work between the student's former and anticipated major study programmes, such that there are fewer than 30 hours of upper division credit available in the new field, the request to pursue a Bachelor's degree in the new field should be denied.