

SIMON FRASER UNIVERSITY

S.75-147

FOR INFORMATION - REPORT

MEMORANDUM

To SENATE

From REGISTRAR AND SECRETARY OF SENATE

Subject THE TWO-SEMESTER TIME LAG REQUIRE-
MENT

Date OCTOBER 16, 1975

At the meeting of Senate on October 6, 1975 request was made for the rationale for the time-lag requirement before offering of new courses.

Attached is a copy of report, SCUS 74-33, made to that body on July 23, 1974. Following discussion of this topic at several meetings, on September 9, 1974 the Senate Committee on Undergraduate Studies approved continuation of the existing regulations and practices.

encl.
HME/rn

H. M. Evans

SCUS 74-33

SIMON FRASER UNIVERSITY

MEMORANDUM

SENATE COMMITTEE ON UNDERGRADUATE STUDIES	From <u>H. M. EVANS, SECRETARY</u>
Subject <u>TIME LAG REQUIREMENTS BEFORE FIRST OFFERING APPROVED COURSES - WAIVERS</u>	SENATE COMMITTEE ON UNDERGRADUATE STUDIES Date <u>JULY 23, 1974</u>

At the meeting of SCUS held June 25 there was discussion concerning the two-semester time lag requirement between the approval of a new course by Senate and its first offering in a semester. Although I was not in attendance at that meeting I understand that information is sought concerning the original approvals by Senate of this principle, the general reasons for its adoption, and some statistics on new courses not given waivers and those given waivers of this regulation.

General Background

In the Fall of 1969 the President announced to the University community that a system of preregistration would be introduced as rapidly as possible. The Acting Vice-President, Academic presented to Senate at its meeting of December 1969 Paper S.304, outlining a number of proposals relating to preregistration based on systems elsewhere. A copy of that paper is attached as Appendix A. Attention is drawn particularly to items IIIa, VI 3 and 4, X, and the final note on page 4.

Although many modifications were adopted in the building of the preregistration, these principles remained basic to it. A Course Offerings booklet is issued each semester showing the offerings for the immediately approaching semester (supposedly very firm) and for each of the two succeeding semesters (somewhat less firm but designed to allow careful planning by the student, academic advisors, etc.). Originally changes in these could be made only by adding further courses in later printings to those announced and then normally only to the latter two semesters, except in extreme cases where deletions could be approved by the Vice-President, Academic. The Deans can now grant such approvals for the latter two semesters, and in exceptional cases for the immediately approaching semesters can request deletions although this last action creates difficulties. Students are requested to complete cards identifying for each of the three semesters the courses they propose to take from those listed. The accuracy of the vectors is impacted by the accuracy of listings.

In each semester a much more detailed Course Guide and Schedule is issued, at a time subsequent to the Course Offerings booklet. It contains very detailed information on all courses to be offered in the approaching semester, including groups, times,

rooms, instructors, etc. It is the essential document for a student to complete preregistration. It also contains updated information for the proposed offerings for the two subsequent semesters, to assist in student selection and academic advising. Any change made to delete a course (or group) for the approaching semester, or to add a course (or group) can have significant impact in the preregistration process. The adding of groups of a course designated to be taught can be beneficial in opening up spaces and flexibility. The adding of a course too late to be included in the guide can have serious impact on registrations in that course and on other courses, which often are detrimental. The deletion of courses or groups during the preregistration process catches students unaware, with frustrations arising from insufficient registration hours, impact on financial awards, etc.

Although requests are received from time to time to include schedules for courses not yet approved by Senate - with a note "Subject to approval" - the Registrar's Office is most reluctant to do this. Such statements leave students not knowing whether they will or will not be registered, with all attendant problems; and the impacts are not only in the course in question but on others. Priority timings in the preregistration process are critical.

The most serious difficulties arise when Senate approval is given to offer a course but with approval too late for the offering and schedule to appear in Course Guide. This has been very infrequent, but invariably when done has presented problems. The late announcement can impact one or more other courses for which the student preregistered and no changes can be made until start of term. It is strongly recommended that this action be approved only in exceptional circumstances.

Difficulties arise when approval is given just in sufficient time for schedules to appear in Course Guide. Schedules must be completed and addenda items hand-inserted in the Guide. This is inefficient, costly, error-generating, and frustrating to staff and students. It can be done, but with difficulty. It is recommended that this action be approved only when it is clear that significant hardship would otherwise arise.

Attached as Appendix B is a tabulation showing the manner in which approvals can be most effectively made. It identifies the reasons for the normal two-semester lead time. Courses must clear departmental and faculty committees, SCUS, and Senate before any agency can fully know the nature of approval given and whether a course may be offered. Using the Spring semester as an example, material for the Course Offerings booklet is needed by the Registrar's Office near the beginning of September and for the Course Guide and Schedule at the end of September/beginning of October. If Departments are carrying out planning for course offerings and faculty utilization it seems desirable that courses approved be known by the end of April - i.e. two semesters in advance. The firm data can be consolidated during the summer or earlier and submitted for inclusion in the Course Offerings booklet. If planning were left to the last

moment courses might be approved as late as the August meeting (1st week of August) and be submitted by the deadline. Courses approved at the September meeting could not normally meet the Offerings booklet deadline. Obviously if Senate did not meet in August problems could arise. There is always the danger of delay in clearing committees.

The far more direct critical period for Students and departments is that for the Course Guide and Schedule for the approaching semester. Using the Spring semester as an example, the Course Offerings booklet data may have been late and therefore inaccurate, or incomplete, with consequent impact on general planning. But if this data is late or incomplete for the immediately approaching schedule, the impact is far greater. A course approved at the early September meeting can get into the Spring schedule but not the earlier Offering booklet. A course approved at the October meeting may or may not be able to be included in the Spring schedule. It presents significant problems.

Under difficult conditions, therefore, it has been practice to accept late approvals, particularly where there has been undue delay in processing requests through the committee series. Those items approved approximately one full semester in advance can make the Course Guide and Schedule, albeit with some difficulty, but not the Course Offerings booklet. Those approved two semesters in advance can make both, and with some opportunity for overall planning.

This office would recommend retention of the normal two semester time lag requirement, with provision for waivers where these are clearly established as being in the overall interests of students, departments, and the University - but with the exercise of considerable caution in the granting of waivers where approval by Senate is likely to be given less than one full semester in advance of the first offering of the course.

Attached as Appendix C is a table of statistics. Members are reminded of the ~~motion~~ covering early submissions following the motions adopted in December 1969.

Although comments are made from time to time that there are more waivers than non-waivers, this is clearly not supported by the facts. Of 362 cases, 231 have followed the normal two semester rule, 26 have followed the special rule when the current regulations were introduced, 97 have had some form of waiver and 8 are in a doubtful category. Slightly more than one-quarter have had waiver conditions. Of the 97 given formal waiver, there were 13 which were within a few days of not requiring a waiver; the items of this group were approved at the first Senate meeting beyond the two semester rule, usually within 5 - 10 days. A relatively large group of the 97 was related to introduction of the program in Computing Science, a program in which there had been significant delay; a number were related to the programs in Kinesiology, with attendant delays in various reviews; the most recent approvals were for four courses in Political Science and

Sociology/Anthropology as a result of understandable delays in overall program development and approval.

The Registrar's Office technical staff obviously would prefer no waivers if reasonable operational conditions could accommodate this. Failing this, it would prefer waivers of not less than a one full-semester approval prior to the course offering, other than in very exceptional circumstances. Our technical staff find no objection to the principle of waivers under reasonable conditions but are cognizant of and fully involved in problems which arise particularly for students and would greatly prefer advanced planning which might keep these to a reasonable and clearly defensible minimum, with improved servicing and increased satisfaction arising therefrom.

HME:rn

Appendix A

S. 304

SIMON FRASER UNIVERSITY

MEMORANDUM

To Senate

From L.M.Srivastava

Acting Vice-President, Academic

Subject Pre-registration.

Date November 21, 1969

- I. We have been in consultation with a local computing firm with expertise in pre-registration at two American Universities. We would like to adapt this system to our needs and institute computerized pre-registration beginning Summer 1970.

A brief description of the proposed system and an estimate of time necessary for pre-registration are included. It is also indicated what the system can do and what the conditions are that must be satisfied before the system becomes a reality. If senate and Departments cannot meet these minimal conditions we will drop the idea of pre-registration. We think the project has merit, it can be adapted to our system with minimal conditions, and over the long run (that is within 2-3 semesters) the system will have paid for itself and our registration costs per student will be considerably lower than at present. It has numerous advantages for students, faculty, and administration.

- II. The pre-registration system was first implemented at the University of Utah in the Winter quarter 1967 and since then has been used without fundamental change to its design. The University of Utah has approximately 18,000 students and about 800 different course offerings each quarter. It was instituted at Virginia Polytechnic Institute in the Winter of 1968, without modification, and the system has been in use there ever since. The Utah pre-registration can be implemented at S.F.U. The designers of the Utah system are at present working with a computing firm in Vancouver. They are available for consultation with our Data Centre and Registrar's Office at a minimal cost.

- III. Operation of the pre-registration system:

- a. The system asks the students to provide two types of information on appropriate cards: courses that they want in the next semester and blocks of time they want to keep free from formal instruction. Naturally if a student blocks out, say, all afternoons as free time, his chances of getting proper course fit are lessened.

Before students fill out this information they are provided with a Course Guide which contains the following information:

- i. For the semester immediately following:

- a. all courses and only those courses that are to be given next semester,
b. names of faculty members in charge of these courses, and
c. timetable with courses, sections, time and place.

- ii. For two semesters after the one immediately following -

- a. all courses and only those courses that are to be given in each of the two semesters, and
 - b. names of faculty members in charge of the courses.
- b. The cards can be collected in or mailed to the Registrar's Office, or they can be dropped in assigned boxes.
 - c. This information is put on punch cards.
 - d. The computer then schedules the students taking into account their course preferences and requests for free time. It edits errors. It can be programmed to give preferences to, for example, seniors over juniors, or graduate over undergraduate students etc.
 - e. A printout is produced which indicates the students' course selections by course, section, time and place. The departments can then review the student demand, close unused sections or open additional sections. This is an administrative function and the student is not put to any trouble. A second run is produced from the revised data and course registrations are produced for mailing to the students.
 - f. Students whose requests have not been satisfied or who have failed a course and cannot take the one they asked for appear at a registration 'clean up day' one or two days prior to the start of the new semester.

IV. Estimated time for pre-registration:

1. Students would require at least two weeks for filling out their cards. Some may require more time. During this period they must get adequate counselling especially in regard to pre-requisites. Students can certainly start as early as they want.
2. The Registrar's Office must have the students' course preference and free time cards at least three weeks before the end of a semester.
3. Cards are keypunched, preliminary and final runs are made and registration notices are mailed to students all within two weeks. Student is informed of the registration about one week before the beginning of the semester.

V.

At the University of Utah and Virginia Polytechnic Institute the success experienced in satisfying student requests has been as follows:

- a. 65% of students have had all the requests, including free time requests, satisfied.
- b. 90% of students were able to register in all courses requested.
- c. 97% of total course requests were satisfied.

VI. Minimal conditions necessary to make the system operative:

1. The success of the pre-registration assumes that a large majority of the students will participate. This must include new students as well as transferring students, and re-admitted students. Accordingly, it should be mandatory for all students to pre-register.
2. A firm adherence by students to time as far as collection of course preference and free time cards is concerned.
3. The participating students, in order to have valid schedules, must not have conditions arise between registration and the beginning of the semester that will cause their schedules to change. Accordingly there must be firm commitments by departments on courses offered and faculty assignments for a period of three semesters at a time.
4. To facilitate item 3 above, a ruling by Senate that courses approved by Senate shall not be offered for at least two complete semesters following such approval by Senate.
5. The magnitude of the 'clean-up' day must be minimized. If the cost of clean-up approaches the cost of manual registration then the system cannot be regarded as economic. Accordingly there must be a clear identification of pre-requisites by departments and faculties, and there must be an improved pre-registration counselling.

VII. Senate may further consider the possibility that a student pays a portion of his tuition fee at the time of pre-registration.

VIII. Advantages of pre-registration:

1. To the students:
 - a. an opportunity to plan his work schedule prior to the start of the semester,
 - b. an extension of his working period on off semesters, because he can register by mail,
 - c. a reduced risk of not being able to obtain the courses desired, and
 - d. provision for selection of courses in a less hectic environment than that presently existing at registration.
2. To the faculty and administration:
 - a. an opportunity to allocate teaching resources more effectively,
 - b. rapid and economical processing of students' course enrollments,
 - c. less course time losses, and an opportunity to begin tutorials in the first week, if desired, and
 - d. more useful information regarding course selection patterns and student demand

IX

If Senate agrees with the principle of pre-registration we will immediately undertake to prepare a system for our needs in consultation with the computing firm, our own Data Centre and Registrar's Office, and will plan to implement this system for Summer 1970.

X.

The Senate is requested to adopt two motions:

1. "Senate agrees with the principle of pre-registration".
2. "Courses approved by Senate shall not be offered for at least two complete semesters following such approval by Senate."

:ams


L.M. Srivastava

At its meeting of December 1, 1969, Senate approved Motion 1 above. It also approved Motion 2 with the following note added:

"Since this policy is a major departure from existing policies, courses and programs brought before Senate between now and the May 1970 meeting of Senate will not be included in the restriction providing at least one semester has elapsed between approval by Senate and the offering of the courses."

Normal Meeting of Senate in which approval will take place

Minimum Lead Time in which approval by Senate must take place

Semester to be offered

COURSE OFFERINGS BOOKLET

PRE-REGISTRATION HANDBOOK

PRE-REGISTRATION



Normal Meeting of Senate in which approval will take place	Minimum Lead Time in which approval by Senate must take place	Semester to be offered	Data recd. from Dept.'s	2nd Thurs. Goes to Press	Mailing Dates	Month in which Handbook prepared	4th Mon. Goes to Press	1st wk. Begins	3rd wk. Complete
Previous - April	September or October	Spring	Mon., 2nd wk. September	2nd Thurs. September	4th Thurs. September	October	4th Mon. October	1st wk. Dec.	3rd wk. Dec.
Previous - August	January or February	Summer	Mon., 2nd wk. January	2nd Thurs. January	4th Thurs. January	February	4th Mon. February	1st wk. April	3rd wk. April
Previous - December	May or June	Fall	Mon., 2nd wk. May	2nd Thurs. May	4th Thurs. May	June	4th Mon. June	1st wk. Aug.	3rd wk. Aug.

APPENDIX B TO SCUS 74-33

Number of courses approved between December 1, 1969
and June 3, 1974 362

Number subject to Motion 2 plus note - S.304	26
Number subject to formal waiver motion or facsimile	97
No formal waiver recorded in minutes	8
Number for which rule has been observed	231

Of 97, 13 were within a few days of not requiring waiver.

Of 97, several arose from delayed program approval(c.f. Computing Sc.,
Kinesiology, P, S/A (4).

ApprovedFor Offering

✓ Archaeology 131-3	6/5/74	74-1*
✓ Archaeology 223-3	6/5/74	75-1
✓ Archaeology 301-2	6/12/71	72-3
✓ Archaeology 330-5	6/5/74	75-2
✓ Archaeology 360-5	6/5/74	75-2
✓ Archaeology 370-3	6/5/74	75-3
Archaeology 371-5	5/10/70	71-3
Archaeology 375-5	5/10/70	70-3
Archaeology 432-5	6/5/74	75-1
Archaeology 436-3	8/12/69	70-2
✓ Archaeology 438-3	2/4/73	74-1
Archaeology 439-3	8/1/73	1974
✓ Archaeology 480-5	3/12/73	ASAP
Economics 101-3	8/12/69	70-3
✓ Economics 102-3	6/12/71	72-3
✓ Economics 201-3	6/12/71	72-3
✓ Economics 293-3	6/12/71	73-1
✓ Economics 309-5	3/12/73	74-3
Economics 390-3	8/12/69	70-3
✓ Commerce 293-3	6/12/71	73-1
Commerce 371-3	8/12/69	71-1
English 202-4x	8/12/69	70-2* 304
English 203-4x	8/12/69	70-2* 304
English 212-3x	8/12/69	70-2* 304
English 420-3x	8/12/69	70-2* 304
English 426-3	4/12/72	73-2* 304
English 467-2x	8/12/69	70-2* 304
English 469-2x	8/12/69	70-2* 304
English 470-2x	8/12/69	70-2* 304
English 476-2	4/12/72	73-2*
✓ Geography 001-3	7/12/70	71-3
✓ Geography 112-3	8/1/73	73-3*
✓ Geogrpahy 201-3	8/1/73	73-3*
✓ Geography 212-3	8/1/73	74-1
✓ Geography 222-3	8/1/73	73-3*
✓ Geography 242-3	8/1/73	73-3*
✓ Geography 251-3	8/1/73	73-3*
✓ Geography 317-3	7/6/71	72-1*
✓ Geography 318-3	2/4/73	73-3*
✓ Geography 349-3	8/1/73	73-3*
✓ Geography 431-5	8/1/73	73-3*
✓ Geography 452-5	14/9/70	71-1*
History 150-3	14/9/70	71-3
History 160-3	14/9/70	71-3
History 199-3	14/9/70	71-3
History 200-3	14/9/70	71-3
History 201-3	14/9/70	71-3
History 202-3	14/9/70	71-3
History 203-3	14/9/70	71-3
History 204-3	14/9/70	71-3
History 205-3	14/9/70	71-3
History 206-3	14/9/70	71-3
History 207-3	14/9/70	71-3
History 208-3	14/9/70	71-3
History 209-3	14/9/70	71-3
History 210-3	14/9/70	71-3
History 211-3	14/9/70	71-3
History 212-3	14/9/70	71-3
History 213-3	14/9/70	71-3

History 294-3	14/9/70	71-3
History 295-3	14/9/70	71-3
History 296-3	14/9/70	71-3
History 297-3	14/9/70	71-3
History 298-3	14/9/70	71-3
History 299-3	14/9/70	71-3
History 403-5 <i>3rd note</i>	8/12/69	70-2*30+
History 404-5	14/9/70	71-3
History 413-5	14/9/70	71-3
History 414-5	14/9/70	71-3
History 418-5	14/9/70	71-3
History 419-5	14/9/70	71-3
History 423-3	14/9/70	71-3
History 409-5	14/9/70	71-3
History 424-3	14/9/70	71-3
History 428-5	14/9/70	71-3
History 429-5	14/9/70	71-3
History 435-5	14/9/70	71-3
History 442-5	14/9/70	71-3
History 443-5	14/9/70	71-3
History 446-5	14/9/70	71-3
History 447-5	14/9/70	71-3
History 448-5	14/9/70	71-3
History 449-5	14/9/70	71-3
History 450-5	14/9/70	71-3
History 454-5	14/9/70	71-3
History 455-5	14/9/70	71-3
History 458-5	14/9/70	71-3
History 461-5	14/9/70	71-3
History 462-5	14/9/70	71-3
History 463-5	14/9/70	71-3
History 464-5	14/9/70	71-3
History 472-5	14/9/70	71-3
History 473-5	14/9/70	71-3
History 480-5	14/9/70	71-3
History 481-5	14/9/70	71-3
History 482-5	14/9/70	71-3
History 483-5	14/9/70	71-3
History 484-5	14/9/70	71-3
History 489-5	14/9/70	71-3
✓ Chinese 100-3	3/12/73	74-3
✓ Chinese 101-3	3/12/73	75-1
Chinese 250-3	3/12/73	74-3
✓ French 110-3	7/12/70	71-3
French 111-3	7/12/70	1972
✓ French 140-3	6/12/71	72-3
French 152-4	8/12/69	71-1
✓ French 205-1	6/12/71	72-3
French 230-3	8/12/69	70-3
French 303-3	10/9/73	74-2*
French 305-3	7/12/70	1972
French 411-4	8/12/69	70-3
French 412-4	8/12/69	71-1
French 420-3	7/12/70	1972
French 421-3	7/12/70	72-1
French 422-3	6/12/71	72-3
French 430-3	8/12/69	71-3
French 431-3	8/12/69	71-2

French 448-4	8/12/69	71-1
✓French 460-4	7/12/70	71-3
✓French 480-2	7/12/70	71-3
✓French 481-2	7/12/70	72-1
German 120-4	8/12/69	70-2* <i>304</i>
✓German 450-3	18/1/71	72-1
✓Latin 100-3	4/12/72	73-3 <i>304</i>
✓Russian 140-3	4/12/72	73-3
Russian 449-3 <i>x</i>	8/12/69	70-2* <i>304</i>
Spanish 110-3 <i>x</i>	8/12/69	70-1* <i>304</i>
Spanish 111-3 <i>x</i>	8/12/69	70-2* <i>304</i>
✓Spanish 140-3	7/12/70	71-3
✓Swahili 100-3	3/12/73	74-3
✓Swahili 101-3	3/12/73	74-3
✓Linguistics 100-3	18/1/71	71-2
✓Linguistics 401-3	6/8/73	74-1*
✓Linguistics 402-3	6/8/73	74-1*
✓Linguistics 403-3	6/8/73	74-1*
✓Linguistics 404-3	6/8/73	74-1*
✓Linguistics 405-3	6/8/73	74-1*
✓Linguistics 406-3	6/8/73	74-1*
✓Linguistics 407-3	6/8/73	74-1*
✓Linguistics 408-3	6/8/73	74-1*
✓Linguistics 409-3	6/8/73	74-1*
✓Linguistics 410-3	10/9/73	74-1* <i>304</i>
✓Linguistics 411-3	10/9/73	74-2* <i>304</i>
✓Linguistics 412-3	10/9/73	74-2* <i>304</i>
✓Literature 140-3	18/1/71	71-3*
Literature 141-3	18/1/71	72-1
✓Literature 440-3	4/12/72	73-2* <i>304</i>
✓Literature 441-3	4/12/72	73-3
✓Philosophy 001-3	8/1/73	73-3* <i>304</i>
✓Philosophy 150-3	6/12/71	72-3
Philosophy 208-3 <i>x</i>	8/12/69	70-2* <i>304</i>
Philosophy 209-3	8/12/69	70-3
✓Philosophy 241-3	6/12/71	72-3
✓Philosophy 250-3	6/12/71	73-1
✓Philosophy 280-3	6/12/71	73-3
✓Philosophy 300-3	6/12/71	73-1
✓Philosophy 331-3	6/12/71	73-2
✓Philosophy 340-3	6/12/71	73-1
Philosophy 439-3	8/12/69	70-1* <i>304</i>
Philosophy 454-5	6/12/71	73-1
Philosophy 489-2	8/12/69	70-1* <i>304</i>
✓PSA 212-3	6/12/71	72-3
✓PSA 349-5	7/6/71	71-3
✓Psychology 321-3	4/12/72	73-3
✓Psychology 411-5	10/1/72	72-1
✓Psychology 499-10	14/1/74	74-3* <i>304</i>
✓PDC 491-4	6/12/71	72-2* <i>304</i>
✓PDC 492-4	6/12/71	72-2* <i>304</i>
✓PDC 493-4	6/12/71	72-2*
Education 240-3	7/8/72	?
Education 421-4	7/8/72	73-2
Education 423-4	7/8/72	73-2
Education 424-4	3/12/73	75-2
Education 429-4	7/8/72	73-2
Education 441-4	7/8/72	73-1

✓ Education 452-4	7/5/73	74-2
✓ Education 459-4	7/5/73	74-2
Education 462-4	7/8/72	73-2
Education 463-4	7/8/72	?
Education 464-4	7/8/72	72-3*
Education 465-4	7/8/72	73-2
Education 472-4	7/8/72	73-2
Education 473-4	7/8/72	73-2
Education 474-4	7/8/72	73-2
Education 475-4	7/8/72	73-2
Education 476-4	7/8/72	73-2
Education 477-4	7/8/72	73-2
Education 478-4	7/8/72	73-2
Education 479-4	7/8/72	73-2
Education 484-8	7/8/72	73-2
Education 485-15	7/8/72	73-2
Education 486-4	7/8/72	73-2
Education 487-4	7/8/72	73-2
Education 489-4	7/8/72	73-2
Education 490-2	7/8/72	72-3*
Education 491-2	7/8/72	72-3*
Education 492-4	7/8/72	72-3*
Education 493-4	7/8/72	72-3*
Education 494-4	7/8/72	72-3*
Education 495-3	7/8/72	73-2
✓ African/Middle East Studies 401-4	2/8/71	72-3
✓ African/Middle East Studies 402-5	2/8/71	72-1*
✓ Canadian Studies 001-3	3/12/73	74-3
✓ Canadian Studies 200-3	2/8/71	71-3*
✓ Canadian Studies 400-5	2/8/71	72-1*
✓ Canadian Studies 401-5	2/8/71	72-2
✓ Communication Studies 100-3	6/11/72	73-3
✓ Communication Studies 200-3	6/11/72	73-3
✓ Communication Studies 210-3	6/11/72	73-3
✓ Communication Studies 230-3	6/11/72	73-3
✓ Communication Studies 233-3	3/12/73	75-1
✓ Communication Studies 235-3	6/11/72	75-3
✓ Communication Studies 239-3	6/11/72	73-3
✓ Communication Studies 303-3	6/11/72	73-3
✓ Communication Studies 311-3	6/11/72	74-1
Communication Studies 320-5	6/11/72	74-1
Communication Studies 331-5	6/11/72	74-1
Communication Studies 332-5	6/11/72	74-1
Communication Studies 333-3	6/11/72	74-1
Communication Studies 335-3	6/11/72	73-3
Communication Studies 336-3	6/11/72	74-1
Communication Studies 337-3	6/11/72	74-2
Communication Studies 339-3	6/11/72	74-1
Communication Studies 400-5	6/11/72	73-3
Communication Studies 401-5	6/11/72	74-1
Communication Studies 403-5	6/11/72	74-1
Communication Studies 410-5	6/11/72	73-3
Communication Studies 420-5	6/11/72	74-3
Communication Studies 431-5	6/11/72	74-1
Communication Studies 433-5	6/11/72	75-3
Communication Studies 450-5	6/11/72	73-3

✓Communication Studies 451-5	6/11/72	73-3
✓Communication Studies 493-15	6/11/72	74-1
✓Communication Studies 495-15	6/11/72	74-2
✓Communication Studies 496-15	6/11/72	75-2
✓Communication Studies 497-15	6/11/72	75-2
✓Communication Studies 498-18	6/11/72	74-1
✓Communication Studies 499-15	6/11/72	73-3
Computing Science 001-3	7/5/73	73-3* <i>united</i>
✓Computing Science 100-3	2/10/72	73-1* <i>united</i>
✓Computing Science 102-2	2/10/72	73-2* <i>united</i>
✓Computing Science 103-3	6/5/74	74-3* <i>united</i>
✓Computing Science 104-1	6/5/74	74-3*
Computing Science 118-3	7/5/73	73-3* <i>united</i>
Computing Science 200-4	7/5/73	74-1*
Computing Science 201-4	7/5/73	73-3*
Computing Science 240-3	7/5/73	74-3
Computing Science 250-3	7/5/73	1975
Computing Science 260-3	7/5/73	74-1*
Computing Science 280-3	7/5/73	75-3
Computing Science 283-3	7/5/73	76-1
Computing Science 290-3	7/5/73	1974*
Computing Science 291-3	7/5/73	1974*
Computing Science 301-3	7/5/73	1975
Computing Science 302-3	7/5/73	1976
Computing Science 305-3	7/5/73	74-1*
Computing Science 350-3	7/5/73	76-3
Computing Science 351-3	7/5/73	73-3*
Computing Science 354-3	7/5/73	73-3*
Computing Science 360-3	7/5/73	1975
Computing Science 362-4	7/5/73	74-2
Computing Science 370-3	7/5/73	74-3
Computing Science 371-3	7/5/73	75-1
Computing Science 380-3	7/5/73	76-1
Computing Science 390-3	7/5/73	1975
Computing Science 400-3	7/5/73	75-3
Computing Science 401-3	7/5/73	76-1
Computing Science 404-4	7/5/73	76-2
Computing Science 410-4	7/5/73	75-2
Computing Science 411-5	7/5/73	74-3
Computing Science 412-5	7/5/73	74-2
Computing Science 413-5	7/5/73	74-2
Computing Science 415-3	7/5/73	74-3
Computing Science 416-5	7/5/73	74-3
Computing Science 418-3	7/5/73	74-3
Computing Science 419-5	7/5/73	74-3
Computing Science 451-3	7/5/73	1974*
Computing Science 491-3	7/5/73	1974*
Computing Science 493-1	7/5/73	74-3
Computing Science 494-1	7/5/73	75-1
General Studies 075-2	2/8/71	72-1*
General Studies 100-3	8/5/72	72-3*
General Studies 101-3	2/10/72	73-1*
General Studies 102-3	5/11/73	74-3
General Studies 103-3	5/11/73-0	75-1
General Studies 104-3	6/5/74	74-3*
General Studies 200-3	8/5/72	73-1*
General Studies 300-5	7/5/73	74-1*
General Studies 301-3	2/4/73	73-3*
General Studies 302-3	6/8/73	74-1*

New program.

✓ General Studies 303-3	6/8/73	74-3
✓ General Studies 400-5	10/9/73	74-1*
✓ General Studies 427-5	3/12/73	75-1
✓ General Studies 499-15	10/9/73	74-1*
Kinesiology 043-3	26/1/70	70-3*
Kinesiology 100-3	8/12/69	70-3
✓ Kinesiology 110-3	6/5/74	74-3*
✓ Kinesiology 241-3	6/5/74	74-3*
✓ Kinesiology 330-3	6/12/71	?
✓ Kinesiology 344-3	8/11/71	72-3
✓ Kinesiology 366-3	8/1/73	73-2*
✓ Kinesiology 402-4	6/5/74	74-3*
✓ Kinesiology 406-3	6/5/74	74-3 75-1
✓ Kinesiology 407-3	6/5/74	75-1
Kinesiology 442-3	2/4/73	74-1
✓ Kinesiology 466-3	2/4/73	74-2
✓ Kinesiology 480-3	6/5/74	75-1*
✓ Latin American Studies 100-3	7/6/71	71-3*
✓ Latin American Studies 402-5	7/6/71	72-1*
✓ Latin American Studies 403-5	7/6/71	72-1*
✓ Latin American Studies 404-5	7/6/71	72-1*
Science 010-3	11/5/70	70-1*
✓ Biology 430-3	6/12/71	72-3
✓ Biology 432-3	6/8/73	74-1*
✓ Biology 490-5	9/11/70	71-2*
Biology 491-5	9/11/70	71-2*
Biology 492-5	9/11/70	71-2*
✓ Marine Science 400-6	10/1/72	72-2*
✓ Marine Science 410-6	10/1/72	72-2*
✓ Marine Science 411-6	3/6/74	74-2*
✓ Marine Science 412-6	3/6/74	74-2*
Marine Science 420-6	10/1/72	72-2*
✓ Marine Science 430-6	10/1/72	72-2*
Marine Science 435-6	3/6/74	75-2
Chemistry 006-2	11/5/70	70-3*
Chemistry 416-3	2/3/70	70-3*
✓ Chemistry 420-3	3/6/74	74-3*
Chemistry 463-3	2/3/70	70-3*
✓ Chemistry 482-3	13/9/71	72-1*
Mathematics 100-3	11/5/70	70-3*
✓ Mathematics 104-3	9/7/73	73-3*
Mathematics 150-3	11/5/70	71-1*
Mathematics 180-3	11/5/70	70-3*
Mathematics 190-3	11/5/70	71-2
Mathematics 194-3	6/5/74	75-1*
✓ Mathematics 195-3	13/9/71	72-2*
✓ Mathematics 196-3	6/5/74	76-1
Mathematics 291-2	4/12/72	73-3
Mathematics 292-3	4/12/72	73-3
✓ Mathematics 305-4	10/1/72	72-3*
Mathematics 306-3	9/7/73	74-1*
Mathematics 308-3	9/7/73	74-1*
Mathematics 316-3	9/7/73	74-1*
Mathematics 343-3	9/7/73	74-1*
Mathematics 361-3	10/1/72	73-1
Mathematics 401-3	9/7/73	74-1*
Mathematics 402-3	9/7/73	74-1*
Mathematics 403-3	9/7/73	74-1*

Mathematics 405-4	11/5/70	70-3*
✓Mathematics 416-3	9/7/73	74-1*
✓Mathematics 469-4	7/12/70	73-1
✓Mathematics 470-4	7/12/70	72-1
✓Mathematics 471-4	7/12/70	72-3
✓Mathematics 493-4	7/12/70	?
✓Mathematics 494-4	7/12/70	?
✓Mathematics 495-4	7/12/70	71-3
✓Mathematics 496-4	7/12/70	71-3
· Physics 197-3	9/11/70	71-3
· Physics 198-3	9/11/70	71-3
· Physics 333-4	4/2/74	74-3*