## MEMORANDUM

To............ SENATE<br>REGULATIONS - RESTRICTIONS ON ENTRY TO<br>Subject ... AND CONTINUATION IN MINOR, MAJOR AND HONORS PROGRAMS AND TO UPPER DIVISION<br>COURSES IN BUSINESS ADMINISTRATION, OR<br>TO RELATED JOINT PROGRAMS OR COURSES

Action undertaken by the Senate Committee on Undergraduate Studies at its meetings of August 5, September 9, September 16, and following discussions by the Senate Committee on Academic Planning at its meeting of September 10, 1980, gives rise to the following motion:
"That Senate approve and recommend approval to the Board of Governors, as set forth in S.80-117, regulations as follow:

SCUS $80-43 B$, as approved by
SCUS September 16, 1980
REGULATIONS - RESTRICTIONS ON ENTRY TO AND CONTINUATION IN MINOR, MAJOR AND HONORS PROGRAMS AND TO UPPER DIVISION COURSES IN BUSINESS ADMINISTRATION, OR TO RELATED JOINT PROGRAMS OR COURSES
(These regulations are in addition to the general University and Faculty of Arts regulations covering such matters as admission to the University, acceptance into and continuance in minor, major, honors programs, requirements for graduation. Except as described herein they do not apply to BUEC courses.)

1. A student desiring to take a minor, or a major, or an honors program in Business Administration, or a combined major or honors program in Business Administration and Economics, may continue to indicate on registration forms the intended program as under current regulations and practice.
2. For formal declaration and formal acceptance into any one of these programs involving Business Administration a student must be registering for a semester in which the 61st or higher credit hour is to be taken and normally will be expected to have completed or be registered in a semester completing the 57 th credit hour. Other cases will be reviewed and determined by the Department.
3. To be formally accepted into a minor or major program the student will be required to have a cumulative grade point average of 2.25 or higher at the time of acceptance. The usual higher average for honors entry will continue to be applied.
4. To remain in a minor or major program the student will be required to maintain a cumulative grade point average of 2.25 or higher. The usual higher average required to continue in an honors program will continue to be applied. (Students undertaking a minor program in Business Administration by use of BUEC courses are required to fulfil this regulation of a cumulating grade point average of 2.25 or higher.)
5. Entry to and registration in any upper division Business Administration course requires
(a) That the student be or have been formally accepted into one of these minor or major or honors programs involving Business Administration and be eligible to continue in the program, or
(b) That the student have completed or be registered in a semester completing the 57 th or higher credit hour and have a cumulative grade point average of 2.25 or higher. Other cases may be reviewed and determined by the Department.

For entry and registration in subsequent Business Administration upper division courses the student will be required to maintain a cumulative grade point average of 2.25 or higher.
6. If during a semester (for example during preregistration), Departmental assessment is made on the basis of student record then available and decision is to formally accept the student into one of these programs, or to permit the student to register for one or more upper division courses in Business Administration, that decision shallstand for the immediately approaching (or just commenced) semester. It will not be cancelled because of results known at the end of term, other than for failure to complete prerequisites, or action under general University regulations resulting in Required to Withdraw or Permanent Withdrawal status, or other general regulations. It will not automatically stand for later semesters; updated data would apply.

If the academic record at the time of review was too low for a student to be authorized for acceptance to a program or to take upper division courses but the end of term record for the semester just completed is adequate, the student then may seek adjustment through the Department and following general regulations either
(a) proceed through In-Person registration if not already registered, or
(b) proceed through adjustment through the Course-Change period, if already registered.
7. For students entering Simon Fraser University on the basis of work elsewhere the cumulative grade point average will be taken to be that determined under admissions regulations, normally on courses which can be considered for transfer. After transfer the cumulative grade point average is based on Simon Fraser University courses. Exceptional cases may be considered by the Department.
8. Where the average of a student accepted into a program drops below that required the earlier formal acceptance is no longer valid unless reviewed by the Department and waiver granted for continuance.
9. Prerequisites for any course may be waived for individual students by the School. In order for a course to be accepted as fulfilling a prerequiste a student must have a grade of $C$ - or higher.
10. The effective date for commencement of these regulations will be to affect
registrations for and after the Fall semester 1981. They will apply generally to all students for then and thereafter granted or being granted formal acceptance into these programs or, if not in a Business Administration program, to students desiring to undertake one or more upper division courses in Business Administration (unless waiver is granted by the Department).

As it is not desired to impose hardship on students who already are well advanced in their Business Administration programs, the following provisions will apply to such students whose records would indicate as at September 1, 1981, that they would require not more than sixty credit hours to complete the degree:
(a) A student who lacks thirty or fewer credit hours needed to complete degree requirements will have one year to complete without impact from these new regulations - (to August 1982).
(b) A student who lacks thirty-one to sixty credit hours needed to complete degree requirements will have two years to complete without impact from these new regulations - (to August 1983).
(c) The Department may consider further these or other exceptional cases to lessen hardship.

## GENERAL INFORMATION

For some years enrolment in Business Administration undergraduate courses has reflected an annual increase of greater than $20 \%$. The continual growth and pressure on these programs has led to some difficulties in adequately maintaining faculty strength and appropriate protection of program quality. The Vice-President, Academic in the Spring of 1980 requested D. Birch, as Chairman of SCUS, to establish and chair an ad hoc committee to recommend measures to relieve the enrolment in Business Administration specifically and to address the need for enrolment limitation more generally. The committee was established and held several meetings during the Summer. Members were D. R. Birch, Chairman; B. Schoner, Director of the School of Business Administration and Economics; A. G. Sherwood, Chemistry; S. N. Verdun-Jones, Criminology; H. M. Evans, Secretary. Some details will be found in the attached paper entitled SCUS 80-43.

The committee gave consideration to a number of approaches, as described in that paper, and following discussion it made recommendations to the Senate Committee on Undergraduate Studies for consideration at a meeting of that body on August 5. SCUS held general discussion and indicated there should be referral to the Department of Economics and the School of Business Administration and Economics generally. There was also referral for general comment purposes to the various Faculty curriculum committees.

The School of Business Administration and Economics responded with some proposed changes to the document prepared by the committee and there was full discussion of the various proposal by SCUS on September 9.

At the same time the document was transmitted for general comment and consideration by the Senate Committee on Academic Planning on September 10. At the SCUS meeting of September 9 there was intensive discussion and general approval of the proposals. The proposals had been approved by the School and also by the Faculty of Arts curriculum committee.

Some questions were raised at SCAP, particularly with relation to the grandfather clauses set forth in Item 10. The primary concern was whether or not the original proposals would have sufficient impact on enrolment limitations to achieve the desired and indeed necessary results. On further consideration SCUS made adjustments to the latter clauses in order to speed up and intensify the effects of the regulations.

Throughout the course of the discussions there had been clear attempts to try to find appropriate reconciliation of responsibility to students who are already in courses and programs whilst at the same time recognizing the difficulties and dangers that arise if growth were to remain unchecked. It has been the desire of the committee to have this material move forward to Senate as quickly as possible in the Fall term in order that any decisions made to change regulations can be announced as early as possible to give students opportunity to measure up to new regulations. The regulations currently proposed are designed to affect those registering for Business Administration programs and courses as at September 1981 and later.

The proposal submitted by the committee and approved by SCUS with some modifications utilizes a requirement of a cumulative grade point average of 2.25 for students to be automatically permitted to undertake upper division courses in Business Administration toward minors, majors, honors or for other purposes in Business Administration. The various committees have looked at the option of establishing a fixed quota such as is done for certain aspects of the PDP program versus the present proposals which utilize a cumulative average but allow for some flexibility in terms of what the final quota number would actually be. This latter system is deemed to be the more appropriate method for these particular courses and programs. Students, advisors and others can know whether or not an individual will be qualified and permitted to proceed. A fixed number quota system invariably means that there is a time delay whilst various individuals are ranked and selections made down to whatever the predetermined number of persons is to be.

In making its decision to utilize this method it was emphasized that if these regulations are approved they are not to be taken as a precedent by other departments as a means to change requirements for cumulative averages; if the topic of cumulative grade point average is to be addressed by any specific departments or programs in order to raise academic requirements then focus should be on that topic directly.

It was observed that the proposal technically does not change the average required by a student to qualify for graduation. If, for example, a student maintains his average and proceeds into the last semester but in that semester receives less than 2.25 but nevertheless qualifies with the appropriate cumulative average of at least 2.0 and
with the appropriate courses, then requirements for graduation would have been fulfilled. A student, however, may have difficulty in proceeding this farintothe final semester because of insufficiently high grade point averages in earlier work.

The Department noted that although the anticipated increase in course enrolments for Fall $80-3$ was expected to be in the $20 \%$ range, it actually had increased significantly to be in the general $30 \%$ range. The concerns of the School and Department had arisen over a number of semesters because of impact of heavy potential enrolments on quality of programs and courses, difficulty of obtaining well qualified faculty and instructional staff, and some question as to whether any one program in the University proportionate to others should be so heavily weighted.

The Dean of Arts indicated that it may be necessary to come forward with further proposals relative to this topic but that any such proposals, if required, would not be in opposition to approval of the present regulations which are required as a minimum. It was noted further that there are significant administration costs which will occur through application of the proposed regulations but a similar nature of costs would arise even if a fixed quota system were utilized. The present system is deemed more responsive to the overall needs of the University and the students.

Date........ 11 September 1980

SUBJECT: Proposed Regulations - Restrictions on Entry to and Continuation in Minor, Major and Honours Programs in Business Administration, or to Related Joint Programs or Courses


#### Abstract

At its meeting on 10 September 1980, the Senate Committee on Academic Planning reviewed the proposed recommendations. Because they have broad implications for the entire university, materials were presented to members of the Committee on Academic Planning for their information and comments.


Discussion of S.C.A.P. focussed on two major issues. The first was the extent to which the regulations as written would have the effect of limiting enrolments in upper division Business Administration courses by approximately one-third. It was noted that the grandfather clauses (providing that a student who has thirty or less credit hours required to complete degree requirements would have two years to complete without impact from the new regulations, and the student who has more than thirty and less than sixty hours required to complete the degree requirements would have four years to complete without impact from the regulations) would have the effect of substantially deferring impact of the new regulations until late 1983 or early 1984. The full impact of the basic regulation would, with the grandfather clauses as written, not come into play until the fall semester 1985. It was further noted that the basic problem is not one of space limitations. Rather, the fundamental problem is the inability of the Department of Business Administration to find and employ faculty in sufficient numbers to both fill the currently authorized positions as well as those that might be authorized should student numbers continue to increase. The inability of the Department to obtain the faculty resources required to staff for the current and anticipated enrolment means that both students and current faculty suffer from a diminishment in the quality of the present program.

The second major issue addressed the appropriateness of the regulations being proposed. A concern expressed is that the introduction of a 2.25 cumulative grade point average for students seeking admission to or continuation in upper division Business Administration courses could be perceived by other academic departments as an attempt to
raise academic standards. Such a perception could, in turn, lead other departments to pursue a similar course of action. It was made clear that the intent of the recommendations is to address a program quality issue rather than one of student academic standards. An option offered for consideration was that of establishing a quota system for admission to the program. While this approach has certain obvious advantages, the full-time/ part-time mix of students, the absence of a structured curriculum, the trimester operation, and the uncertainties posed for students of not knowing the grade point average necessary for admission to the program, detract from its initial attractiveness.

The Senate Committee on Academic Planning urged that the proposed regulations be returned to the School of Business Administration and Economics for reconsideration of the issues described above. If substantial revision was forthcoming, S.C.A.P. recommended that the proposed regulations be re-considered by the Senate Committee on Undergraduate Studies.

# SIMON FRASER UNIVERSITY <br> MEMORANDUM 

To Mr. H. Evans, Registrar and Secretary to SCUS

Subject...SCUS $. .80-43 B$
From
Dr. A.G. Sherwood,...Chairman Faculty of Science Undergraduate Curriculum Cmite.

Date $1.980 \ldots 09 \ldots 8$

The Faculty of Science Undergraduate Curriculum Committee discussed the matter of SCUS paper $80-43 B$, i.e. the proposed regulations for limiting enrollment in BUS. courses, and no objection to the proposals were raised.

AGS/mgj
A.G. Shegrwodd


## SIMON FRASER UNIVERSITY

MEMORANDUM


The undergraduate programs committee of the Faculty of Education finds this procedure for limiting entry and confirmation in Minor, Major, and Honors Programs acceptable. We understand that this procedure does not effect any change in the university regulation concerning grade point average required for graduation, though it will incidentally ensure a grade point average above the minimum presently allowed.

Some concern was expressed about possible ramifications of this procedure, but the area seems rather opaque.


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To. $\qquad$ H.M. Evans, Secretary Senate Committee on Undergraduate Studies

Subject...
Proposed Regulation to Limit. Enrollments in Business Administration

Pursuant to the directive from the Senate Committee on Undergraduate Studies that the various faculty undergraduate curriculum committees consider the proposal by Business Administration (SCUS 80-45) to restrict entry to their program of study, the Faculty of Interdisciplinary Studies Undergraduate Curriculum Committee considered this issue on September 16, 1980. As Chairperson of this Committee, I can report that the Faculty of Interdisciplinary Studies understands the severe enrollment problems confronting Business Administration and supports implementation of the proposed policy. However, for the record, it should be noted that committee members did express concern over 1) the actual effectiveness of the proposed regulations in reducing enrollments, and 2 ) the implications of this proposal, if approved, on both university and departmental admission policies.


## SIMON FRASER UNIVERSITY

MEMORANDUM


UPPER DIVISION COURSES IN BUSINESS
ALMINISTRATION, OR TO RELATED JOINT
PROGRAMS OR COURSES.

1. SCUS 80-43, 43A, $43 B$ on the above-mentioned topic was the subject of a preliminary discussion by the Senate Committee on Undergraduate Studies at its meeting of August 5, 1980. Decision was made to refer the paper for consideration by the Department of Economics with particular reference to the BUEC courses which are offered for credit both in Business Administration and in Economics.

The papers were also referred to the various faculty curriculum committees for comment.
2. The School of Business Administration and Economics has responded that, on the understanding that the proposed limitations do not extend to BUEC courses, Economics has no objection to proceeding with the proposed regulations.

The Faculty of Arts Curriculum Committee considered the proposals for comment at its meeting of September 4, 1980.

Copies of items pertaining to these most recent decisions are attached.
3. The original proposal contained in SCUS $80-43 \mathrm{~B}$ is provided, together with the earlier support information, along with the updated material. The proposed regulations are on the agenda of SCUS for discussion on September 9, 1980.

HME/lm

Registrar's Note: 1. For the basic regulations proposed, see SCUS 80-43B, with editorial change proposed for item 4 (page 18).
2. As at September 16 pages 18 and 19 of the document have been amended by SCUS and show in the amended form as the regulations on the transmittal memo from SCUS to Senate.

# SIMON FRASER UNIVERSITY 

## MEMORANDUM

To. . ......S.S.U.S.

Subject $\qquad$ Enrolment Limitations

From
B. Schoner, Director

School of Business Adm. \& Economics
Date 1980-09-04

The Department of Economics has considered the matter of enrolment limitations in Business Administration. Given a clarification that the proposed limitations do not extend to BUEC courses, Economics has no objection to proceeding.

B. Schoner

## SIMON FRASER UNIVERSITY

## MEMORANDUM



The Faculty of Arts Curriculum Committee at its meeting of September 4, 1980 spent considerable time discussing the implications of SCUS 80-43 B "Proposed Regulations - Restrictions on Entry to and Continuation in Minor, Major and Honors Programs and to Upper Division Courses in Business Administration, or to Related Joint Programs or Courses", and passed the following motion:
"That the Faculty of Arts Curriculum Committee supports the recommendations for limiting enrolment in the Department of Business Administration as outlined in SCUS 80-43 B."
S. Roberts
cc. B. Schoner

# SIMON FRASER UNIVERSITY 

MEMORANDUM

Distribution Below

SCUS Paper (80-43)

From

Date

Senate Committee on Undergraduate Studies

8 August 1980

The attached paper (SCUS 80-43) was the subject of a preliminary discussion by the Senate Committee on Undergraduate Studies at its meeting of August 5, 1980. It was the consensus of that meeting that further discussion and consultation was required before a decision could be taken on the recommendations put forward. As Chairman of the Committee I agreed to refer the paper for consideration by the Department of Economics with particular reference to the BUEC courses which are offered for credit both in Business Administration and in Economics. Faculty Curriculum Committees are asked to review the proposals and to provide such comment as they may see fit so that further consideration by the Senate Committee in September or October may be informed by consideration at the Faculty level.

D.R. Birch

Distribution:
Deans of Faculties
Chairmen, Faculty Undergraduate Studies Committees
Director, School of Business Administration
Chairman, Department of Business Administration
Chairman, Department of Economics

Note: If comments are being provided in writing, please forward them to H. M. Evans, Secretary, Senate Committee on Undergraduate Studies.


## Problem

For a number of years enrolment in Business Administration (formerly Commerce) undergraduate courses has reflected an annual increase greater than 20\%. The interest in programs perceived to be professional in orientation is not unique to Simon Fraser University. Consequently the problem of coping with rapidly increasing enrolment is exacerbated by a market context which makes it difficult to increase the number of faculty members in the department. Indeed, it requires vigorous recruiting each year to maintain faculty strength, let alone increase it at a rate sufficient to cope with spiralling enrolment.

## Ad Hoc Committee

This spring the Academic Vice-President asked me, as Chairman of SCUS, to establish and chair an ad hoc committee to recommend appropriate measures to relieve the enrolment pressure in Business Administration, specifically, and to address the need for enrolment limitation more generally. The Committee was established as follows:
B. Schoner, Director, School of Business Administration and Economics
A. G. Sherwood, Chemistry
S. N. Verdun-Jones, Criminology
D. R. Birch, Chairman

The Committee reviewed the data and considered various alternative approaches to the definition and solution of the perceived problem. It was agreed that the University should consider establishing policy governing enrolment limitation in professionally oriented programs and that over-enrolment was particularly acute in Business Administration.

The following table demonstrates that course enrolment in Business Administration places great demands on the faculty. What is even more dramatic, however, is the number of majors served by the Department - almost three times as many as the department with the second greatest number:-

|  | $1979 / 80$ <br> Number <br> of course <br> enrollees | $1980 / 81$ <br> Number <br> of majors <br> (and honours) | $1979 / 80$ <br> Number <br> F.T.E. <br> faculty |
| :--- | :---: | :---: | :---: |
| Business Administration | 7355 | $1227^{2}$ | 30.75 |
| Economics | 5124 | $265^{2}$ | 27.0 |
| Psychology | 5095 | 435 | 26.0 |
| Mathematics | 4570 | 125 | 27.5 |
| English | 4279 | 357 | 42.5 |
| Criminology | 3327 | 369 | 20.5 |
| Computing Science | 2841 | 206 | 14.5 |
| Biological Sciences | 2817 | 250 | 32.83 |
| Geography, | 2649 | 312 | 21.0 |
| Kinesiology | 2541 | 170 | 14.0 |

1 at the end of the third week of semesters $79-2,79-3$ and $80-1$
2 includes 75 joint majors or honours

## Alternative Approaches

1. Allow enrolment to grow in relation to student demand and attempt to reallocate resources proportionately. Reallocation is not feasible on the scale required and furthermore this approach completely begs the question of the proportion of University resources which we wish to see committed to professional programs.
2. Establish an enrolment quota and initiate competitive entry. Central to the problem is the fact that the University has a policy of granting undergraduate students admission to the University rather than to a specific program and students, once admitted are relatively free to follow their interests. The most notable exception to this practice is the professional Development Program in the Faculty of Education for which an enrolment target is established and to which entry is competitive. At times there have been as many as three qualified applicants for every opening. Although entry is not based solely on academic achievement the minimum level of achievement has ranged from just above 2.0 CPGA in some years to just under 3.0 CPGA in others.

It is less feasible to establish a quota in a degree program like Business Administration which is not a lock-step, twelve-month program as is the P.D.P. Students may take four semesters or many years from declaring a major to completing a degree and inequities would be perceived if the entry requirement was raised or lowered each year. In addition the courses are taken by many students other than those majoring in the department and it would be difficult to establish a quota for majors and an equitable parallel treatment for non-majors. Finally, the handling of applications for admission would add a very substantial administrative burden.
3. Establish a minimum level of achievement for admission to and remaining in the major, honors, minor and for admission to any upper division course. The Committee favoured the approach recommended by the Department, i.e. to limit enrolment through "quality control rather than (by) imposing a numerical ceiling." This was seen as a preferable means of limiting enrolment in a professionally oriented program which is not self-contained like the P.D.P.

DRB/lm
D. R. Birch, Associate Vice-President, Academic

Ascociate Vice-President Academic Qualifications

From G.C'. Hoyt, Chairman
Business Administration
Date.......May. 7th, 1980
$\qquad$

On behalf of the Department of Business Administration and its Five Year Plan Task Force, I would like to submit some of our concerns on the question of enrolment criteria to your sub-committee.

I am attaching a copy of our Departmental Five Year Plan for your perusal; on pages 2-4 you will find some information relevant to this subject. In our exomination of Departmental enrolment data we come up with many other measures which would also serve to.demonstrate our concerns about enrolment quality and quantity, but those included in the report will be sufficient.

Let me just list for you some of the recomendations we would like to make. These recomendations tend to be additive, but in some cases they might be regarded as substitutes, one for the other:

1. It is the concensus of our Department, as I understand it, that we would prefer to limit the number of enrolments through quality control rather than imposing a numerical ceiling.
We have Departmental control over the M.B.A. Progrom applications in this way. The number admitted per class may vary from year to year, but we basically control the quality of applicants entering.
2. We urge that a minimum grade point average be required before a student is permitted to major in Business Administration.
3. We propose that upon completion of 60 credit hours a student must demonstrate a grade point average of 2.25 as a cumulative grade point average before being admitted to further work at the 300 level in Business Administration.
4. Further, there shall be no grade Zower than a $C$ - in any of the specified prerequisite courses for the 300 level work in Business Administration.
5. No probationary students (those with below a 2.0 grade point average) be permitted to take any courses in Business Administration or prerequisites thereto within the School. Cour analysis of enrolment data show that 9.1\% of our current students are in this category.) We have no control at present over this situation.
6. We concur with the recommendations of the Task Force (Kenji Okuda) on International Students at Simon Fraser University. While we welcome international students to our program, as the Task Force Report points out our Department happens to have a disproportionate number of international students. (Twenty-form point two (24.2) percent as opposed to $20 \%$ for the University as a whole.) We agree also with the recommendation that international students be measured in terms of their apptitude for University work by taking the scholastic apptitude test. And that in the case of international students this test be used in conjunction with the TOFEL examination. In fact, we might be amenable to the use of the SAT for all students

D. Birch

May 7th, 1980
entering our program, if they were to enter our program at the beginning level.

We have also urged in our Five Year Plan that the late drop date be moved forward to be in effect less liberal. While this is perhaps not directly related to the concerns of your cormittee, it does have a serious effect on both efficiency and quality standards in our programs.

These matters are of considerable urgency to us, since, as you know, we have experienced in excess of a $22 \%$ annual growth in enrolments over the past six years or so. For example, this Summer Semester our enrolments promise to be in excess of $33 \%$ above those of last Summer. Clearly, one cannot cope with this situation through additional faculty resources or through re-allocation internally within the University of faculty resources. Some relief must be looked to in terms of controlling student numbers. As I said above, we propose to do this through controlling the quality of students. We do not wish to impose these standards in a sudden or shocking way, but rather to do so gradually so as not to drive students from the University campus itself. However, it seems clear that the special needs of our program, at least at this point in time, require some special and urgent consideration.

GCH/jm

cc: B. Schoner<br>B. Brown

# SIMON FRASER UNIVERSITY <br> MEMORANDUM 



The following tables have been abbreviated for Senate and show only totals for all courses rather than by individual course．The courses included are BUS．307，312， $320,321,324,337,343,371,373,387,393,413,421,424,428,436,444,478,488$ ， 489， 492 and 498.

REPORT ON STUDENT ENROLMENT IN SPRING 1980 COMMERCE COURSES－COLUMN DESCRIPTIONS

## COLUMN NUMBER

1．The actual total enrolment as of the end of the 3 rd week of classes for the Spring 1980 Semester．

2．Number of students enrolled showing a GOAL of Honor or Major in Commerce，who had a cumulative GPA greater than or equal to that indicated in report heading．

3．Number of students enrolled showing a goal OTHER THAN Honor or Major in Commerce， who had a cumulative GPA greater than or equal to that indicated in report heading．
＋．Number of students enrolled showing a GOAL of Honor or Major in Commerce，who had a cumulative GPA less than that indicated in report heading．
？．Number of students enrolled showing a goal OTHER THAN Honor or Major in Commerce， who had a cumulative GPA less than that indicated in report heading．
o：The ratio of column $\# 5$ to column $⿰ ⿰ 三 丨 ⿰ 丨 三$ 2．
7：The ratio of column $\# 6$ to column \＃2．

TTES ：
a）The sum of column $\# 3$ and $\# 5$ represents the total number of students enrolled showing a GOAL of Honor or Major in Commerce．
b）The sum of column $\# 4$ and $\# 6$ represents the total number of students enrolled showing a goal OTHER THAN Honor or Major in Commerce．
c）The cumulative grade point average used（cumulative GPA）is that as of the 3rd week of classes of the Spring 1980 Semester．
contd．．．．

| 1. | 2. | 3. | 4. | 5. | 6. |
| :---: | :---: | :---: | :---: | :---: | :---: |


| WA greater than or equal to 2.5 | 2036 | 777 | 253 | 745 | 261 | 37 | 13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GPA greater than or equal to 2.25 | 2036 | 1076 | 336 | 446 | 178 | 22 | 9 |
| GPA greater than or equal to 2.20 | 2036 | 1130 | 347 | 392 | 167 | 20 | 9 |
| GPA greater than or equal to 2.15 | 2036 | 1192 | 370 | 330 | 144 | 17 | 7 |
| GPA greater than or equal to 2.1 | 2036 | '1258 | 376 | 264 | 138 | 13 | 7 |
| GPA greater than or equal to 2.05 | 2036 | 1305 | 379 | 217 | 135 | 11 | 7 |
| GPA greater than or equal to 2.0 | 2036 | 1358 | 403 | 164 | 111 | 8 | 5 |

