

SIMON FRASER UNIVERSITY

S.82.16

MEMORANDUM

To..... SENATE

From..... SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject..... DEPARTMENT OF CRIMINOLOGY - CHANGES
DISCONTINUE MATH 101 AS LOWER DIVISION
REQUIRED COURSE AND AS PREREQUISITE FOR
CRIM 220-3; CRIM 220-3 TO BE ACCEPTABLE

Date..... DECEMBER 17, 1981

PREREQUISITE FOR PSYC 210 IN LIEU OF PSYC 201;
COURSE NUMBER CHANGE

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of December 15, 1981, gives rise to the following motion:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.82-16, proposed changes to discontinue MATH 101 as a lower division required course and as a prerequisite for CRIM 220-3 - Research Methods in Criminology; approve CRIM 220-3 as an acceptable prerequisite for PSYC 210 in lieu of PSYC 201; to now approve change in number of CRIM 220-3 to CRIM 120-3."

It was explained by FIDS that the proposal is to change the way in which the research design sequence of courses is taught to make it similar to the Psychology pattern. The desire is to have a research methods course before a statistics course which is then followed by research design.

There was some opposition to the proposal and objections from the Department of Mathematics were noted. Criminology perceives the structure proposed with the interrelationship with Psychology to be preferable with a closer affinity with Psychology. Psychology has approved the proposal including an adjustment to the prerequisite for PSYC 210 through use of CRIM 120 (formerly CRIM 220).

SIMON FRASER UNIVERSITY

I.S.C. 81-23

REVISED

MEMORANDUM

Adjusted for
SCUS

To..... Janet Blanchet

From..... Vince Sacco

..... F.I.D.S.

..... Criminology

Subject..... Calendar Changes 1982/83

Date..... November 3, 1981

Here is a revised copy of the Criminology UCC proposed curriculum changes. I hope that the modifications which have been made reflect adequately the opinions of the members of the F.I.D.S. committee.

One change, however, should be noted. With respect to item #6, the previous wording involved a discussion of Group B requirements whereas the intention is to place limitations on Group B electives. Although this was quite apparent in our discussion, it was not until after the meeting that the error was noticed. I hope that this does not create a problem.

- Done
F/sewhere
1. The movement of CRIM 211-3 (Crime and the Public) to upper level Group A electives, to be renumbered CRIM 412-3.
 2. Change title of CRIM 151 from 'Introduction to Law Enforcement' to 'Introduction to Policing'.
 3. Change prerequisites for CRIM 302 (Critical Approach to Crime and Deviance).
 4. Change prerequisites for CRIM 415 (Victimology).
 5. Change in minimum grade requirements.
 6. Modification of Group B electives and a change in the wording for clarification.
 7. Allow CRIM 220 to act as a prerequisite for PSYC 210 in lieu of PSYC 201.
 8. Drop MATH 101 as a lower level Group B required course.

/djf
Att.

Vince Sacco

CHANGE CRIMINOLOGY 220 TO A PREREQUISITE FOR PSYCHOLOGY 210-PAGE 389

Nature of Proposed Change: Criminology 220-3 (Research Methods in Criminology) would become a prerequisite for Psyc. 210-3 (Data Analysis in Psychology)

FROM:

CRIM 220-3 Research Methods in Criminology

This course is designed as an introduction to criminological research and is intended to develop the student's research and analytical skills. Specifically, the course will focus on the theory of inquiry, the logic, reality and structure of criminological inquiry, and criminological data analysis and reporting.

(Lecture/Tutorial)

Prerequisite: Math 101.

TO:

CRIM 220-3 Research Methods in Criminology

This course is designed as an introduction to criminological research and is intended to develop the student's research and analytical skills. Specifically, the course will focus on the theory of inquiry, the logic, reality and structure of criminological inquiry, and criminological data analysis and reporting.

(Lecture/Tutorial)

Note to Criminology Majors: Criminology 220 rather than PSYC 201 may be used as a prerequisite for PSYC. 210.

RATIONALE: As a result of discussions involving members of the Criminology U.C.C. and the Psychology Department, it is proposed that for Criminology students, the Criminology undergraduate methodology course may serve as a viable alternative to Psyc. 201.

DROPPING A LOWER LEVEL REQUIRED COURSE

Nature of Proposed Change: Math 101-3 would be deleted from the list of lower level course requirements and would no longer be a prerequisite for CRIM 220.

RATIONALE: Currently, criminology students are allowed to complete the undergraduate statistics requirement with either Math 101 or Psyc 210. Both courses were approved for this purpose by the Senate at the time of the program's inception. In recent years, however, fewer Criminology students have been enrolling in Psyc 210. This decline in enrolments is largely the result of a decision by the Psychology Department to introduce a prerequisite (Psyc 201) for Psyc 210. Recently, representatives of the Criminology and Psychology Departments have formulated an "in principle" agreement which would allow Criminology majors to utilize CRIM 220 (Research Methods in Criminology) rather than Psyc 201 as a prerequisite for Psyc 210. The members of the Criminology Undergraduate Curriculum Committee are of the unanimous opinion that the subject matter of Psyc 210 is extremely relevant to both the undergraduate criminology curriculum and to the applied work situations in which our graduates are frequently placed. The deletion of the Math 101 option is intended to ensure that criminology students will enter upper level courses with reasonably similar statistical backgrounds.

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Dr. J.M. Webster
..... Assoc. Vice-President, Academic
.....
Subjed..... MATH 101-3, Introduction to
..... Statistics

From..... G.A.C. Graham, Chairman
..... Mathematics Department
.....
Date..... December 11, 1981
.....

I understand that the Criminology Department has submitted a proposal to drop Math 101-3, Introduction to Statistics, as a required course for their program. Dr. Ryeburn's memo of October 13, 1981 (copy enclosed) responded to this proposal and drew attention to the fact that there has been no discussion of the issues involved with this Department. We would be pleased to meet them in this regard.

It appears, as Dr. Ryeburn says, that Criminology students do encounter difficulties in handling Math 101-3. I understand that this is generally attributable to weakness in algebraic techniques. However we do have a test to diagnose such weakness and it might be a good idea for Criminology students who do poorly on that test to be directed to take Math 100-3, Survey of College Mathematics, before enrolling in Math 101-3. I note that Math 100 is a prerequisite for Psych 210-3, Data Analysis in Psychology, which is an alternative to Math 101-3 in the Criminology program.

I don't understand the logic of allowing Crim 220 to act as an alternative to Psych 201 in the prerequisite structure for Psych 210.

Finally, it seems strange at this time of proposed enrollment limitation and heightened standards in departments like Criminology that courses like Math 101-3, which develop statistical numeracy in the student, should be singled out for dropping from their program.

Incidentally, we object to departments such as Psychology offering a service course in Statistics for other departments.

G.A.C. Graham
G.A.C. Graham

GACG/pel
Encl.

cc J.F. Cochran, Dean of Science
A. Sherwood, Faculty of Science U.G.S.C.
V. Sacco, Criminology U.G.S.C.
D. Ryeburn, Math
B. Dwyer, Math
Statistics Faculty, Math Dept.

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Vincent Sacco, Chairman
Undergraduate Curriculum Committee
Criminology Department

Subject: MATH 101

from: David Rychburn, Chairman
Undergraduate Studies Committee
Mathematics Department

Date: October 13, 1981

Your memorandum of September 14, 1981, about plans to drop MATH 101 as a required course, was discussed at a meeting of our Undergraduate Studies Committee today. We believe that you have not discussed this properly with the statisticians in our department. We note that in the current calendar your course CRIM 220 (Research Methods in Criminology) has MATH 101 as a prerequisite, presumably because it builds on statistical knowledge gained from that course. If the CRIM 220 syllabus is going to do statistics from a starting level, that will be in conflict with previously enunciated policy at SCUS regarding MATH 101's role at this University. Likewise it would seem to be the case that students taking CRIM 320 (Advanced Research Issues in Criminology), for which PSYC 210 is strongly recommended, would profit from a knowledge of material covered in MATH 101. It is no secret among the people working in our statistics laboratory that Criminology students have a great deal of trouble with MATH 101. That merely highlights their need for it, and is no reason whatsoever for dropping this course and trying to learn the material elsewhere.

DR:nj

C.C. G.A.C. Graham, Chairman,
Mathematics Department

Dr. J.M. Webster, Associate V.P. Academic

SIMON FRASER UNIVERSITY

MEMORANDUM

SCUS 81-7
(see 81-66)

To.....H.M. Evans, Registrar and Secretary....
to the Senate Committee on
.....Undergraduate Studies.....

From...Janet Blanchet, Secretary to the
Faculty of Interdisciplinary Studies
.....Undergraduate Curriculum Cttee.....

Subject.....

Date...November 26, 1981.....

Re: REVISIONS TO CURRICULUM CHANGES, CRIMINOLOGY.
I.S.C. 81-23(a)

Members of the Faculty of Interdisciplinary Studies Undergraduate Curriculum Committee considered and approved the following revisions to the curriculum changes submitted by the Department of Criminology:

- (1) ~~A requirement for a minimum grade of C- for courses required for a major in Criminology.~~
- (2) ~~A requirement for a minimum grade of B for CRIM 369-4 when it is used as a prerequisite for CRIM 462-15.~~
- (3) The re-numbering of CRIM 220-3, Research Methods in Criminology to CRIM 120-3. There will be no change in the course content.

Would you please place these items on the next agenda of the Senate Committee on Undergraduate Studies.

Janet Blanchet

J. Blanchet

JB/pgm

SIMON FRASER UNIVERSITY

S.82-16A

MEMORANDUM

To.....Senate

From...SENATE COMMITTEE ON UNDERGRADUATE
STUDIESSubjed....Department of Criminology -
Changes - Discontinue Math

Date...JANUARY 11, 1982

101 as a prerequisite for Crim
220-3; Crim 220 to be acceptable
prerequisite for Psych 210 in lieu of
Psych 201; course number change;
Math 12 or Math 100-3 to be a pre-
requisite for Crim 120-3

Action taken by the Senate Committee on undergraduate studies at its meeting of December 15th, 1981, gives rise to the following motion:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.82-16a, the following proposed changes:

- (a) to discontinue Math 101 as a prerequisite for Crim 220-3, Research Methods in Criminology;
- (b) to approve Crim 220-3 as an acceptable prerequisite for Psych 210 in lieu of Psych 201;
- (c) to now approve change in number of Crim 220-3 to Crim 120-3, and
- (d) to approve the addition of one of the B.C. High School Math 12 courses or Math 100-3 or equivalent as a prerequisite to Crim 120-3".

Following the motion passed by S.C.U.S. on December 15th, 1981 (and included in S.82-16), there was a series of meetings between the Departments of Criminology and Mathematics. As a consequence of these meetings, the Department of Criminology wishes to amend S.82-16 so that Math 101 will not be discontinued as a lower division course and that Math 12 or Math 100-3 will become prerequisites for Crim 120-3.

... /2

At present, Criminology majors are required to take either Math 101-3 or Psych 210-3. However, Psych 210 has two prerequisites; namely, Psych 201-3 and "one of the B.C. High School Math 12 courses or Math 100-3 or equivalent". On the other hand, the entry in the Calendar concerning Math 101-3 merely states that "students should have a reasonable degree of facility with the algebraic techniques covered up to and including B.C. High School Grade 11". The outcome of the changes proposed in S.82-16a would be that Criminology majors would be required to fulfill similar prerequisites whether they take Math 101-3 or Psych 210-3. The following statement will need to be added to the Criminology Calendar: "students must take Crim 120 before taking either Math 101 or Psyc 210". This statement will implement the Department's intention (as expressed in S.82-16) to "change the way in which the research design sequence of courses is taught to make it similar to the psychology pattern. The desire is to have a research methods course before a statistics course which is then followed by research design".