## MEMORANDUM

SENATE


Subied.
d. . . . . CHANGES . . . GEOGRAPHY

Date. .DECEMBER.2.1, . 1982

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of December 14, 1982 gives rise to the following motion:-

MOTION:
"That Senate approve and recommend approval to the Board of Governors, as set forth in $5.83-12$, change in lower division requirements and change in upper division requirements in the Geography B.Sc. Program."

## SIMON FRASER UNIVERSITY

io ...G. Sherwood, Chairman
Undergraduate Studies Committee
Faculty oof "Science
Subject. Calendar. .changes s. . 198.9./. 8.4.

MEMORANDUM

From: Ida Curtis, Departmental Assistant
Department of Geography
Date. . $18 . .0 . c$ toper. 198.2

The Department of Geography wishes to make the following changes in its requirements for the 1983/84 Calendar.

Lower Division Course Requirements:
delete: Geog 251-3 "Methods in Spatial Analysis". The reason for the change is that the subject of this course is already covered in Math 101.
add: Math 102-3 as an alternative to Math 101-3. This change will give the student a choice between the two "Introduction to Statistics" courses. The requirement would read Math 101-3 or Math 102-3.

Upper Division Course Requirements:
The changes requested for the upper division involve adding a number of Geography courses as options in the non-science sections. The reason for the additions is to give students a wider choice of Geography courses so that an ancillary interest might be developed.

Please note that Geography 311 "Hydrology" and Geography 411 "Models in Hydrometeorology" are new courses that are before the Faculty of Arts Curriculum Committee for approval.

If you have any questions, please contact me, or R.B. Sager. The changes for the Upper Division are outlined on the attachment.

cc: R.B. Sugar
G.A. Rheumer

SIMON FRASER UNIVEREIIY
bepartment of Geogeraphy
B.Sc. Requirements
$1982 / 83$

Thace of:
ieog. $313,314,315,317,318$ ( 9 hours)

One of:
Geog. 322, 323, 324,325
(3 hours)
Onn: al:
(icom: $343,344,36 \%, 375,431$ (3 or 5 hours)

Two of:
(9oor, 413, 414, 415, 416, 418, 419 (1.0 hours)

One of:
beog. 1421, 460, 461, 462, 464, $467,469,470$
(5 hours)

A minimum 10 semesiter hours 300-400 division BISC, CHIM, Math or PHYS comrse:;
(10 hours)

Proposed Change 1983/811
Upper Division Requirements
(Total Specified Hours - 40 )
Three of:
Geog. $\frac{311}{318}, 313,311,315,317$,
Two of:
I. Geog. $322,323,324,325$
II. (jeog. $343,344,346,362$
171. Gerr, $301,317,363,3 \%!$, 38\%, 383, 384
( 1, |rour:i)
('lher two ecoure:e:: mus:t be: rhos:en from (wo different sirection:;)

Two of:
Geog. $\frac{111, ~ 413, ~ 414, ~ 41!, ~ 416, ~}{4199}$ ( 10 houres)

One of:


A minimun 10 semester hours 300-400 division BISC, CHLM, MATH or PliYs courses. (10 hours)


