

SIMON FRASER UNIVERSITY

MEMORANDUM

S 77-157

To Senate

From Senate Committee on Undergraduate
Studies

Subject Correction - B.Sc. Program in
Geography

Date November 21, 1977

Action taken by the Senate Committee on Undergraduate Studies at its meeting on November 8, 1977 gives rise to the following motion:

MOTION

"That Senate approve and recommend approval to the Board of Governors, the addition of three existing courses to the listing of Geography courses in the proposed B.Sc. program in Geography as follows:

B. Required Geography Courses - 400 Level Division

Two of:

GEOG 416-5 Pleistocene Geography
GEOG 419-5 Selected Topics in Physical Geography

One of:

GEOG 470-5 The Geography of Western Canada"

Note - these courses were omitted in error from the list of courses accompanying the proposal for a B.Sc. program in Geography.

DR Birch

D. R. Birch

DRB/cg

SIMON FRASER UNIVERSITY

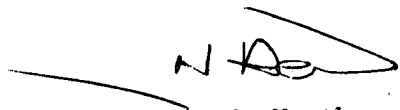
SCUS 77-42

MEMORANDUM

To..... H.M. Evans	From..... N. Heath
..... Secretary, SCUS Assistant to the Dean of Science
Subject..... B.Sc. Program in Geography	Date..... October 31, 1977

At its meeting of October 28, 1977, the Faculty of Science unanimously approved the inclusion of three additional Geography courses in the Geography B.Sc. Program. These courses were apparently omitted in error from the program approved by Senate on June 6, 1977.

The additional courses are described in the attached memorandum from Michael C. Roberts and are herewith submitted to the Senate Committee on Undergraduate Studies for further consideration.



N. Heath

/ad
Attachments

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Dr. D. Ryeburn, Chairman
Faculty of Science Curr.
Committee

From..... Michael C. Roberts
Chairman
Dept. of Geography

Subject..... B.Sc. Program

Date..... October 18, 1977

On rechecking the submission we made to Senate, we have found an error:

B. Required Geography Courses - 400 Level *Division*

Two of: Geog. 416-5 Pleistocene Geography
Geog. 419-5 Selected Topics in
Physical Geography

One of: Geog. 470-5 The Geography of
Western Canada

These three courses should be added to the lists already provided.

MCR/mgb

PROPOSED CALENDAR ENTRY

GEOGRAPHY PROGRAM

October 18, 1977

LOCATION: Room 7123 - Classroom Complex

Telephone: 291-3321

GEOGRAPHY (B.Sc.) ADVISING COMMITTEE

C.B. Crampton	Professor of Geography
F.F. Cunningham	Professor of Geography
E.J. Hickin	Associate Professor of Geography
I. Hutchinson	Assistant Professor of Geography
M.C. Roberts	Associate Professor of Geography
R.B. Sagar	Associate Professor of Geography

Departmental Assistant:

7124 Classroom Complex
Telephone - 291-4128

The Department of Geography offers a program of study within the Faculty of Science leading to the degree of Bachelor of Science with a major or honours in Geography. The B.Sc. program in Geography emphasizes the physical and natural science components of the discipline.

A student entering the program should contact a member of the advising committee to plan the course work for one of the recommended options: biogeography, climatology, geomorphology or terrain evaluation.

Program for Majors

Lower Division Course Requirements

A. Required Geography Courses:

GEOG. 111-3 Physical Geography
GEOG. 112-3 Introductory Geology
GEOG. 121-3 Economic Geography
GEOG. 141-3 Social Geography
GEOG. 250-3 Maps and Aerial Photographs

(15 semester
hours)

B. Required Faculty of Science Courses:

BISC. 101-4 Introduction to Biology
BISC. 102-4 Introduction to Biology

(8 hours)

CHEM. 104-3 General Chemistry I
CHEM. 105-3 General Chemistry II
CHEM. 115-2 General Chemistry Laboratory

(8 hours)

B. Required Faculty of Science Courses cont'd.

PHYS. 101-3 General Physics I
 PHYS. 102-3 General Physics II
 PHYS. 131-2 General Physics Laboratory
 (8 hours)

MATH. 101-3 Introduction to Statistics
 MATH. 151-3 Calculus I) or MATH. 154-3 Calculus for the Bio-
 MATH. 152-3 Calculus II) logical Sciences
 MATH. 155-3 Calculus II for the Bio-
 logical Sciences
 (9 hours)

Any student planning to take further courses in chemistry, mathematics or physics may need to take MATH. 253. Further, any student planning to take additional courses in chemistry may need to take CHEM. 117.

C. Courses outside the Faculty of Science and outside the Department of Geography Science Stream.

A minimum of 6 hours.

TOTAL LOWER DIVISION REQUIRED HOURS - 54

Upper Division Course RequirementsA. Required Geography Courses - 300 level Division

Three of: GEOG. 313-3 Geomorphology
 GEOG. 314-3 Climatology I
 GEOG. 315-3 Biogeography I
 GEOG. 317-3 Soil Geography
 GEOG. 318-3 Sedimentology & Past Environments
 (9 hours)

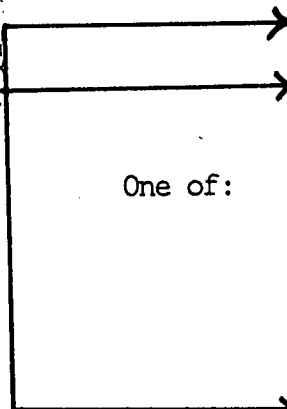
One of: GEOG. 322-3 Geography of Primary Activities
 GEOG. 323-3 Geography of Manufacturing
 GEOG. 324-3 Geography of Transportation
 GEOG. 325-3 Geography of Tertiary Activities
 (3 hours)

One of: GEOG. 343-3 Geography of Transitional Societies
 GEOG. 344-3 Geography of Modern Industrial Societies
 GEOG. 362-3 Geography of Urban Development
 GEOG. 375-3 Historical Geography I
 GEOG. 431-5 The Landscape in Science, Art, Music,
 and Literature
 (3 or 5
 hours.)

B. Required Geography Courses - 400 Level Division

Two of: GEOG. 413-5 The Hydrology & Geomorphology of Drainage Basins
 GEOG. 414-5 Climatology II
 GEOG. 415-5 Biogeography II
 GEOG. 416-5 Pleistocene Geography
 GEOG. 418-5 ~~Terrain Evaluation~~
 GEOG. 419-5 Selected Topics in Physical Geography
(10 hours)

Courses previously omitted



One of: GEOG. 421-5 Geography of Resource Development
 GEOG. 460-5 Selected Regions
 GEOG. 461-5 Western Europe
 GEOG. 462-5 Canada
 GEOG. 464-5 Intertropical Africa
 GEOG. 467-5 Latin America
 GEOG. 469-5 The North American "Middle North"
 GEOG. 470-5 The Geography of Western Canada
(5 hours)

Must: GEOG. 407-3 Quantitative Methods in Geography
(3 hours)

C. Faculty of Science Courses

A minimum of 10 hours of 300-400 division courses.
(10 hours)

TOTAL UPPER DIVISION REQUIRED HOURS - 43 or 45

A student must present a total of 44 hours of upper division credit excluding Education 401, 402 and 405.

Program for Honours

The Honours Program is the same as the Major Program except it must include a minimum of 60 semester hours of 300-400 division courses, of which 48 must be in Geography or Faculty of Science subjects. Entry into the Honours Program requires the Department's approval.