

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate From: J.W.G. Ivany
Chair, SCAP

Subject: Department of Geography - Curriculum Changes Date: November 17, 1988

Action undertaken by the Senate Committee on Academic Planning/Senate Committee on Undergraduate Studies gives rise to the following motion:

Motion:

that Senate approve and recommend approval to the Board of Governors curriculum changes in the Department of Geography as set forth in S.88-64 including:

1) New course GEOG 386-4 Medical Geography

and

2) the proposed Geography Co-operative Education Program with new courses

GEOG 302-0 Geography Practicum I
GEOG 303-0 Geography Practicum II
GEOG 402-0 Geography Practicum III
GEOG 403-0 Geography Practicum IV
GEOG 409-0 Geography Practicum V

NEW COURSE PROPOSAL FORM**1. Calendar Information**Department GEOGRAPHYAbbreviation Code: GEOG Course Number: 386Credit Hours: 4 Vector: 2-2-0Title of Course: Medical Geography**Calendar Description of Course:**

An introduction to the study of medical geography covering: the determinants of health; distribution and diffusion of disease; and delivery of health care services.

Nature of Course lecture/tutorialPrerequisites (or special instructions): GEOG 241 or permission of instructor.

What course (courses), if any, is being dropped from the calendar if this course is approved: None

2. SchedulingHow frequently will the course be offered? Once per yearSemester in which the course will first be offered? 90-1

Which of your present faculty would be available to make the proposed offering possible? HAYES, HORSFALL, WONG

- 3. Objectives of the Course** To make students aware of: 1) contemporary concepts of health, sickness and disease, and ways in which these can be studied; 2) spatial variations in health status at the international, national and local levels 3) various explanations concerning spatial variations; 4) the role that geographers (in particular) and social scientists (in general) play in improving our understanding of issues in health and health care.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty NoneStaff "Library "Audio Visual "Space "Equipment "**5. Approval**Date: Oct 11, 198811/15/88Roger Hayes

Department Chairman

RC Brown

Dean

F. Smith

Chairman, SCUS

SCUS 73-34b:- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).

Medical Geography - GEOG 386.

Today we recognize that disease is a multiple phenomenon which occurs only if various factors coincide in time and space. The focus of interest widens to encompass the relationship between various factors of this complex and their respective geographical environments. This can be called "medical geography".

So wrote Jacques May, the most prominent medical geographer of the twentieth century (Mayer, 1982), in 1950. Today medical geography is a vibrant and growing specialty area within Anglo-American academic geography. This course will introduce students to traditions in medical geography and issues in health and health care from a geographic perspective. Areas of concern will include: 1) determinants of health; 2) distribution and diffusion of disease; and 3) delivery of health care services.

Outline (tentative):

1. Medical Geography - traditions, ideas and key players (May, Hunter, McGlashan, Pyle and others)
2. Contemporary models of health (May, Lalonde, White)
3. Measuring health - rates, proportions, ratios
4. Spatial variations in health status (1): global, national, and local variations
5. Spatial variations (2): life cycle, gender, housing, employment, culture
5. Why these patterns? (1) The nuts and bolts of epidemiology
6. Why...(2) influence of the environment
7. Why...(3) influence of society - structured inequalities?
8. Why...(4) influence of individual behaviour and experience
9. What is done? Canada's health care system: its aims, forms of organization, and spatial expression
10. Issues in health care delivery (1) utilization and accessibility
11. Issues...(2) locating health services
12. Issues...(3) health care planning?
13. Looking backward, looking forward - health and health care, geography and social science

DEPARTMENT OF GEOGRAPHY; B.A. REQUIREMENTS

1988/89 Calendar

2. B.A. honors and major students must take one course at the 200 level from section A and both GEOG 221-3 and 241-3 from section B. In addition, 250 or 251 are required from section C.

(12 credit hours)

1989/90 Calendar Proposal

2. B.A. honors and major students must take one course at the 200 level from section A, both GEOG 221-3 and 241-3 from section B, and one course from section C.

(12 credit hours)

GEOGRAPHY CURRICULUM CHANGES

Change of Title and Description

FROM: GEOG 383 REGIONAL PLANNING I

Concepts and theories of regional development and environment planning; the spatial component of regional planning problems; goal formulation, process and implementation.

TO: GEOG 383 REGIONAL DEVELOPMENT AND PLANNING I

Theories and concepts of regional development and planning in the advanced capitalist and third worlds; methods of spatial analysis.

RATIONALE: To more accurately reflect the content of the course.

FROM: GEOG 426 INDUSTRIAL ORGANIZATION, LOCATION AND PLANNING

Relationships between corporate and regional planning and methods for assessing the effectiveness of locational incentive schemes.

TO: GEOG 426 MULTINATIONAL CORPORATIONS AND REGIONAL DEVELOPMENT

Relationships between corporate and regional development; in particular the implications of the evolution, structure and strategy of multinational corporations for regional development.

RATIONALE: To reflect the fact that the course has become more focussed and is a follow-up to GEOG 323.

FROM: GEOG 444 REGIONAL PLANNING II

The practice of regional planning is approached through case and workshop studies of real-life situations.

TO: GEOG 444 REGIONAL DEVELOPMENT AND PLANNING II

The evaluation of regional development planning and practice; case study analysis of regional development programmes with particular reference to Canadian experience.

RATIONALE: To more accurately reflect the content of the course.

GEOGRAPHY CURRICULUM CHANGES

Change of Prerequisite

FROM: GEOG 354 Digital Cartography

Prerequisite: GEOG 250 and 251 and permission of instructor.

TO: GEOG 354 Digital Cartography

Prerequisite: GEOG 251, and GEOG 250 or 253, or permission of Department. Students who completed GEOG 452 prior to 88-3 may not take this course for further credit.

RATIONALE: To recognize the fact that GEOG 253 can substitute for GEOG 250 as a prerequisite for GEOG 354. This is consistent with the change made in the lower level requirement in Section C. The fact that GEOG 354 duplicates GEOG 452 was missed on the original program revision last year.

FROM: GEOG 355 Geographic Information Systems

Prerequisite: GEOG 250 and 251 and permission of instructor.

TO: GEOG 355 Geographic Information Systems

Prerequisite: GEOG 251, and GEOG 250 or 253, or permission of Department.

RATIONALE: To recognize the fact that GEOG 253 can substitute for GEOG 250 as a prerequisite for this course. This is consistent with the change made in the lower level requirement in Section C.

CO-OPERATIVE EDUCATION PROGRAM IN GEOGRAPHY

The Department of Geography offers a Co-operative Education Program for students who wish to acquire practical experience. The program entails planned semesters of study and employment in an area of the student's choice.

Requirements

In order to be admitted into the Co-operative Education Program, students must have completed 28 semester hours with a minimum cumulative GPA of 2.75. Prior to admission, students must complete:

GEOG 100,111, 221 and 241
One of 213, 214 or 215
and one of
GEOG 250, 251 or 253

College transfer students must complete at least 15 semester hours at SFU before becoming eligible for admission to the Co-op Program. They also must satisfy the requirements above or their equivalents.

College transfer students who have participated in co-op programs elsewhere may be credited with the semester(s) already taken. The applicability of such semesters depends on the evaluation of the Department of Geography.

Arrangements for the work semesters are made through the department's Co-op Co-ordinating Committee and the Faculty of Arts Co-op Co-ordinator.

In order to continue in the Co-operative Education Program, students must maintain a minimum cumulative GPA of 2.75 in their course work.

For further details, students should refer to the Co-operative Education section.

Interested students should contact the Department of Geography for further information.

NEW COURSE PROPOSAL FORM1. Calendar InformationDepartment GeographyAbbreviation Code: GEOGCourse Number: 302Credit Hours: 0 Vector: _____Title of Course: Geography Practicum ICalendar Description of Course:

This is the first semester of work experience in a co-operative education program available to students who plan to pursue a career in geography or related areas.

Nature of Course Co-op Education Employment Semester

Prerequisites (or special instructions): Normally 28 semester hours credit, of which at least 15 semester hours have been completed at SFU, which have a minimum cumulative GPA of 2.75 and which include all 100 and 200 level required Geography Major courses (18 credit hours) or permission of Co-op Co-ordinating Committee.

What course (courses), if any, is being dropped from the calendar if this course is approved: N.A.

2. SchedulingHow frequently will the course be offered? each semesterSemester in which the course will first be offered? 89-3

Which of your present faculty would be available to make the proposed offering possible? N.A.

3. Objectives of the Course

Initial employment experience for students in the Department's Co-operative Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty Some faculty time will be required to assess successful completion.Staff Administration--the majority will be handled by the Faculty of Arts Co-opLibrary Coordinator.
noneAudio Visual noneSpace noneEquipment none5. ApprovalDate: Oct 11, 1988Roger Hays
Department ChairmanRC Brown
Dean11/15/88
[Signature]
Chairman, SCUS

SCUS 73-34b:- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).

NEW COURSE PROPOSAL FORM**1. Calendar Information**Department GeographyAbbreviation Code: GEOGCourse Number: 303Credit Hours: 0 Vector: Title of Course: Geography Practicum II**Calendar Description of Course:**

This is the second semester of work experience in the Geography Co-operative Education program.

Nature of Course Co-op Education Employment Semester**Prerequisites (or special instructions):**

GEOG 302 and completion of 42 semester hours with a cumulative GPA of 2.75.

What course (courses), if any, is being dropped from the calendar if this course is approved:

N.A.

2. Scheduling

How frequently will the course be offered? each semester

Semester in which the course will first be offered? 89-3

Which of your present faculty would be available to make the proposed offering possible? N.A.

3. Objectives of the Course

Second semester of employment experience for students in the Department's Co-operative Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty Some faculty time will be required to assess successful completion

Staff Administration--the majority will be handled by the Faculty of Arts Co-op

Library Coordinator
none

Audio Visual none

Space none

Equipment none

5. ApprovalDate: Oct 11, 1988

Roger Huxley
Department Chairman

R.C. Brown
Dean

11/15/88
DSK
Chairman, SCUS

SCUS 73-34b:-- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).

NEW COURSE PROPOSAL FORM1. Calendar InformationDepartment GeographyAbbreviation Code: GEOGCourse Number: 402Credit Hours: 0 Vector: Title of Course: Geography Practicum III**Calendar Description of Course:**

This is the third semester of work experience in the Geography Co-operative Education program.

Nature of Course Co-op Education Employment Semester**Prerequisites (or special instructions):**

GEOG 303 and completion of 56 semester hours credit with a cumulative GPA of 2.75.

What course (courses), if any, is being dropped from the calendar if this course is approved: N.A.

2. Scheduling

How frequently will the course be offered? each semester

Semester in which the course will first be offered? 89-3

Which of your present faculty would be available to make the proposed offering possible? N.A.

3. Objectives of the Course

Third semester of employment experience for students in the Department's Co-operative Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty Some faculty time will be required to assess successful completion.

Staff Administration--the majority will be handled by the Faculty of Arts

Library Co-op Coordinator.
none

Audio Visual none

Space none

Equipment none

5. Approval

Date: Oct 11, 1988

Roger Hays
Department Chairman

R C Brown
Dean

11/5/88
P. S. L.
Chairman, SCUS

SCUS 73-34b:- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).

NEW COURSE PROPOSAL FORM**1. Calendar Information**Department GeographyAbbreviation Code: GEOG Course Number: 403 Credit Hours: 0 Vector: Title of Course: Geography Practicum IV**Calendar Description of Course:**

This is the last semester of work experience in the Geography Co-operative Education program.

Nature of Course Co-op Education Employment Semester**Prerequisites (or special instructions):**

GEOG 402 and a cumulative GPA of 2.75.

What course (courses), if any, is being dropped from the calendar if this course is approved: N.A.

2. Scheduling

How frequently will the course be offered? each semester

Semester in which the course will first be offered? 89-3

Which of your present faculty would be available to make the proposed offering possible? N.A.

3. Objectives of the Course

Fourth semester of employment experience for students in the Department's Co-operative Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty Some faculty time will be required to assess successful completion.

Staff Administration--the majority will be handled by the Faculty of Arts

Library Co-op Coordinator.

Audio Visual none

Space none

Equipment none

5. ApprovalDate: Oct 11, 1988

Roger Hunte
Department Chairman

R C Brown
Dean

11/15/88
F. S. L.
Chairman, SCUS

SCUS 73-34b:-- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).

NEW COURSE PROPOSAL FORM**1. Calendar Information**Department GeographyAbbreviation Code: GEOGCourse Number: 409Credit Hours: 0 Vector: Title of Course: Geography Practicum V**Calendar Description of Course:**

This is an optional semester of work experience in the Geography Co-operative Education program.

Nature of Course Co-op Education Employment Semester**Prerequisites (or special instructions):**GEOG 403.

What course (courses), if any, is being dropped from the calendar if this course is approved:

N.A.**2. Scheduling**How frequently will the course be offered? each semesterSemester in which the course will first be offered? 89-3

Which of your present faculty would be available to make the proposed offering possible?

N.A.**3. Objectives of the Course**

Optional semester of employment experience for students in the Department's Co-operative Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty Some faculty time will be required to assess successful completion.Staff Administration--the majority will be handled by the Faculty of Arts
Co-op Coordinator.Library noneAudio Visual noneSpace noneEquipment none**5. Approval**Date: Oct 11, 1988Roger Mayle
Department ChairmanRC Brown
Dean11/15/88
R.S. L
Chairman, SCUS

SCUS 73-34b:- (When completing this form, for instructions see Memorandum SCUS 73-34a. Attach course outline).