

SIMON FRASER UNIVERSITY

S.78-133

MEMORANDUM

To..... Senate Subject..... Prerequisite, Description and Title Changes to Geography Courses.	From..... N.R. Reilly, Chairman Senate Committee on Undergraduate Studies Date..... 14 November 1978
---	---

FOR INFORMATION

Acting in accordance with the powers delegated to the Senate Committee on Undergraduate Studies by Senate (S78-10) the Senate Committee on Undergraduate Studies approved, at its meeting on November 7, 1978, changes in the prerequisites, descriptions and titles of certain Geography courses as outlined below and as detailed in S78-133. In accordance with S78-10, this action is being reported to Senate for information only.

- a) Prerequisite change, GEOG 313-3, Geomorphology
- b) Description change, GEOG 315-3, Biogeography I
- c) Prerequisite change, GEOG 317-3, Soil Geography
- d) Title change, GEOG 325-3
- e) Description change, GEOG 415-5 Biogeography II

N.R. Reilly

N.R. Reilly

/kb

SIMON FRASER UNIVERSITY

SCUS 78-62

MEMORANDUM

To Mr. H.M. Evans, Secretary

S.C.U.S.

Subject Curriculum Changes - Geography

From Sheila Roberts, Secretary

Faculty of Arts Curriculum Committee

Date October 30, 1978

The Faculty of Arts Curriculum Committee at its meeting of October 19, 1978 approved the attached changes to the current calendar entry for the Department of Geography.

Please put these changes on the agenda of the next SCUS meeting.

Thank you.

Sheila Roberts

S. Roberts

CALENDAR CHANGES

p. 139 GEOG 313-3

Change of Pre-requisites

From: "At least 30 credit hours including GEOG 111 and 112."

(see attached for the rationale)

To: "At least 30 credit hours including GEOG 111 or 112."

p. 139 GEOG 315-3

Change in Description

From: "An introduction to vegetation and soils; description, sampling and survey methods; basic ecological concepts, dynamics and classification. Man's place in the soil-vegetation system."

To: "A review of the abiotic environments, community structure, and functioning of each of the major terrestrial ecosystems. Emphasis will be placed on research methodology and problems associated with human occupation of each of these regional ecosystems."

Rationale: To provide a more detailed description of the course as it is actually taught.

p. 139 GEOG 317-3

Change of Pre-requisites:

(see attached for the rationale)

From: "At least 30 credit hours including GEOG 111 and 112."

To: "At least 30 credit hours including GEOG 111 or 112."

p. 139 GEOG 325-3

Change of Title

From: "Geography of Tertiary Activities"

To : "Geography of Quaternary Activities"

Rationale: Within the last ten years, the work in the "Cultural services" (also called quaternary activities) has increased so much that the name change seems appropriate.

p. 141 GEOG 415-5

Change in Description

From: "A review of some major world vegetation types and their associated soils. Emphasis will be placed on ecological problems and research methodology, human interference and human perception."

To: "Applied biogeography. A survey of biogeographic theory and the application of these principles to the conservation and exploitation of biotic resources."

Rationale: To provide a more detailed description of

RATIONALE: Pre-requisite Change for both Geog 313-2 and Geog 317-3

Instructors have found that requiring two prerequisites is unnecessary to provide students with the background required for this course. Therefore, the present prerequisites limit the course needlessly.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

~~NEW COURSE PROPOSAL FORM~~

CHANGE IN PRE-REQUISITES ONLY

Calendar Information

Department GEOGRAPHY

Abbreviation Code: GEOG Course Number: 313 Credit Hours: 3 Vector: _____

Title of Course: Geomorphology

Calendar Description of Course: An examination of landforms; processes, laws, and theories of development; types and distributions.

Nature of Course Lecture/Laboratory

Prerequisites (or special instructions): At least 30 credit hours including GEOG 111 or 112.

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

2. Scheduling

How frequently will the course be offered?

Semester in which the course will first be offered?

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

Objectives of the Course

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty

Staff

Library

Audio Visual

Space

Equipment

5. Approval

Date: _____ OCT 21 1978 _____ 14 Nov 78

Michael C. Roberts
Department Chairman

RC Brown
Dean

Norman R. Reilly
Chairman, SCUS

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

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

CALENDAR DESCRIPTION OF COURSE ONLY

COURSE PROPOSAL FORM

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 315 Credit Hours: 3 Vector: 2-2-0

Title of Course: BIOGEOGRAPHY I

Calendar Description of Course:

A review of the abiotic environments, community structure, and functioning of each of the major terrestrial ecosystems. Emphasis will be placed on research methodology and problems associated with human occupation of each of these regional ecosystems.

Nature of Course

Prerequisites (or special instructions): At least 30 credit hours including Geog. 111

What course (courses), if any, is being dropped from the calendar if this course is approved: None, merely a change in the calendar description of the course.

2. Scheduling

How frequently will the course be offered? Twice per year, as at present.

Semester in which the course will first be offered?

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

3. Objectives of the Course

1) To introduce the student to the field of biogeography as the study of the dynamics of terrestrial ecosystems. Attention will be focussed on the links between members of the biological community, and between these organisms and the physical environment. Human interference in, and human perception of, the functioning of each of these inter-relations will also be stressed. (P.T.O.)

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty	None
Staff	None
Library	None
Audio Visual	None
Space	None
Equipment	None

5. Approval

Date: 9 October 1978 OCT 31 1978 14 Nov 78

Michael Roberts R. Brown Norman A. Reilly
 Department Chairman Dean Chairman, SCUS

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

Oct. '73

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

~~NEW~~ COURSE PROPOSAL FORM

CHANGE IN PRE-REQUISITES ONLY

Calendar Information

Department GEOGRAPHY

Abbreviation Code: GEOG Course Number: 317 Credit Hours: 3 Vector: _____

Title of Course: Soil Geography

Calendar Description of Course: An introduction to soils and soil geography. Factors and processes of soil formation, profile description and soil surveying. Elementary field and laboratory techniques of soil and analysis.

Nature of Course

Prerequisites (or special instructions):

At least 30 credit hours including GEOG 111 or 112

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

2. Scheduling

How frequently will the course be offered?

Semester in which the course will first be offered?

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

Objectives of the Course

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty

Staff

Library

Audio Visual

Space

Equipment

5. Approval

Date: _____

Oct 31 1978

14 Nov 78

Michael C. Roberts

Department Chairman

RC Brown

Dean

Norman R. Reddy

Chairman, SCUS

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

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

TITLE
CHANGE

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG. Course Number: 325 Credit Hours: 3 Vector: 2-1-0

Title of Course: GEOGRAPHY OF TERTIARY AND QUATERNARY ACTIVITIES

Calendar Description of Course:

An analysis of the spatial aspects of retailing, wholesaling, public sectors, professional, recreational and charitable activities.

Nature of Course

Prerequisites (or special instructions):

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

2. Scheduling

How frequently will the course be offered?

Semester in which the course will first be offered?

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

3. Objectives of the Course

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty

Staff

Library

Audio Visual

Space

Equipment

5. Approval

Date: 10 Oct 78

OCT 31 1978

14 Nov 1978

Michael C. Roberts
Department Chairman

R. C. Brown
Dean

Norman R. Reilly
Chairman, SCUS

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

Oct. '78

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

CHANGE OF
CALENDAR DESCRIPTION
OF COURSE ONLY

~~NEW~~ COURSE PROPOSAL FORM

1. Calendar Information

Department: Geography

Abbreviation Code: GEOG. Course Number: 415 Credit Hours: 5 Vector: 2-3-0

Title of Course: BIOGEOGRAPHY II

Calendar Description of Course: Applied biogeography. A survey of biogeographic theory and the application of these principles to the conservation and exploitation of biotic resources.

Nature of Course

Prerequisites (or special instructions): At least 60 credit hours including Geog. 315.

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

2. Scheduling

How frequently will the course be offered? Once per year, as at present.

Semester in which the course will first be offered?

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

3. Objectives of the Course

To introduce the student to the following areas of biogeographic theory and methods:

- Analysis of Spatial Pattern of Organisms
- Classification of Communities
- Dynamics of Communities
- Population Dynamics - Analysis and Prediction
- Mathematical Modelling in Biogeography
- Management Principles for the development and conservation of communities and organisms

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty	None
Staff	"
Library	"
Audio Visual	"
Space	"
Equipment	"

5. Approval

Date: 9 October 1978

OCT 31 1978

14 Nov 1978

Michael Chobits
Department Chairman

R C Brown
Dean

Norman R. Keilly
Chairman, SCUS

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

Oct. '73