

SIMON FRASER UNIVERSITY

S.74-139

MEMORANDUM

To SENATE

From SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject FACULTY OF ARTS - DEPARTMENT OF
GEOGRAPHY CURRICULUM PROPOSALS

Date NOVEMBER 14, 1974

MOTION:

"That Senate approve - and recommend approval to the Board - the proposed Department of Geography Curriculum changes as set forth in S.74-139, including:

(i) Changes in the grouping of courses, in lower level course requirements, in upper level and upper division course requirements, in minor requirements, and in major requirements."

(ii) The following new courses:

GEOG 361-3 Introduction to Urban Geography
GEOG 362-3 Geography of Urban Development
GEOG 419-5 Selected Topics in Physical Geography
GEOG 429-5 Selected Topics in Economic Geography
GEOG 449-5 Selected Topics in Cultural Geography
GEOG 475-5 Historical Geography II
GEOG 498-5 Field Studies
GEOG 499-15 Directed Readings/Field Study

(NOTE: GEOG 460-5 Selected Regions was recently approved.)

(iii) The renumbering of the following courses:

GEOG 345-3 Historical Geography I to
GEOG 375-3 (dropping GEOG 345)

GEOG 349-3 Human Microgeography to
GEOG 369-3 (dropping GEOG 349)

(iv) The discontinuation of the following courses after August 31, 1975:

GEOG 463-5, 465-5, 466-5, 468-5.

(v) A change in title and description to
GEOG 344-3 Geography of Modern Industrial Societies"

SIMON FRASER UNIVERSITY

MEMORANDUM

To SENATE

Subject Faculty of Arts - Department of
Geography Curriculum Proposals

From Senate Committee on Undergraduate
Studies

Date November 14, 1974

At its meeting of 12th November, the Senate Committee on Undergraduate Studies considered the attached curriculum proposals from the Department of Geography. Discussion of these proposals had been postponed from a previous meeting, pending receipt by the Dean of Arts of the Geography Departmental Review and his bringing to the attention of the Committee any relevant matter from that Review. At this point the Dean commented on those reviews which he had received and noted that a number of the points covered had been met by the Department's proposal. He emphasized, however, that he had not yet received reports from all the reviewers and that his report was necessarily of a somewhat preliminary nature.

The Committee then undertook detailed examination of the course proposal and the changes in requirements and declared itself satisfied with the proposal with one exception. In the case of Geography 498-5: Field Studies, some members of the Committee expressed reservations about this course and clarification was requested. This was given orally at the meeting; and a copy of a memorandum from the Chairman of the Departmental Curriculum Committee is attached for the information of Senate.

These proposals are now transmitted to Senate for its consideration, with the Committee's recommendation that they be approved.

I. Mugridge
I. Mugridge

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MEMORANDUM

To: D. Bob Brown, Acting Chairman
Senate Committee on Undergraduate
Studies
Subject: Geography Upper Division Review

From: W.A.S. Smith
Dean, Faculty of Arts
Date: October 10, 1974

I am enclosing the Geography Upper Division Review (Papers C-87-1 - 87-12) which has been approved by the Faculty of Arts Curriculum Committee and by the Faculty of Arts. Would you please put these papers on the Agenda of the next SCUS meeting.

The Department of Archaeology has formally raised the question of overlap between Arch. 272-3 and Geog. 342-3. Discussions are taking place between the two departments and the Dean's office regarding the overlap in accordance with the directives from SCUS concerning the Faculty's responsibility in this area. The departments have agreed to pursue these discussions further but there is no particular solution to the problem pending at this time.

Thank you.

W.A.S. Smith

WAS:mjm

A.L. H. Evans

SIMON FRASER UNIVERSITY

MEMORANDUM

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|---------|-------------------------------|------|---|
| To | Dr. Sam Smith Dean of Arts | From | Larry Thomas Assistant University Librarian for Collections and Public Services |
| Subject | Geography Course Proposals | Date | October 8, 1974 |

As required by the new SCUS procedures, we have reviewed Geography proposals for courses 344, 361, 362, 369, 375, 419, 429, 449, 475, 498 and 499. We were surprised to find that about 131 items identified on the reading lists were not in the library collection. We estimate that the cost of acquiring these books and articles would be approximately \$475.00. Additional costs would be incurred if more backfiles were required for certain journals. Since most of the courses are to be offered late in 1975 or in 1976, we feel this additional cost could be absorbed by our normal book budgeting procedures provided, of course, that the Library continues to be funded at approximately or better than the past rate.

One course, 366, is to be offered in Spring, 1975. Normally this would be too soon to acquire Library materials. However, in this case we have most of the materials and would not object to a waiver of the normal time lag requirements.

Larry Thomas

cc. D. A. Baird
University Librarian

LET/dap

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Dr. L. Boland, Chairman
 Faculty of Arts
 Curriculum Committee

Subject: Geography Upper Level Review

From: M.E. Eliot Hurst, Chairman
 Department of Geography

Date: August 22, 1974

Enclosed are eleven course proposals* and supporting documentation which result from the department's recent review of its undergraduate curriculum. These proposals complement the revised lower level course structure approved by Senate in December 1972 and bring to a completion the review of the entire Geography curriculum.

The proposals, guided by the department's recently formulated statement of aims and goals (See Appendix I) essentially attempt to encourage greater flexibility in the course offering structure, while ensuring that majors and honors in Geography experience on the systematic level a wide range of courses. The proposals include new courses on special topics in physical, economic and cultural geography and five- and fifteen-hour field studies/directed studies courses. There are new sections under Division A with the requirement that majors and honors include at least one course from the physical, economic and cultural geography substreams. The reorganization of the latter require only the renumbering of two existing courses: 345-3 to 375-3 and 349-3 to 369-3. Moreover, the proposals include new courses which augment existing ones to expand on specific geographical areas of study. Urban Geography I and II are designed to provide the background for the existing Geography of Urban Regions course. Historical Geography II concentrates on issue-oriented themes based on materials presented in the existing Historical Geography I course. Finally, several proposals revise only the title and calendar description of existing courses to reflect new thinking and new teaching approaches as well as an updating and reorganization of old and new materials.

In its review and examination of the curriculum, especially in regard to existing faculty resources and course scheduling, the department has projected on a five-year basis a timetable of course offerings which includes the anticipated new courses. (See Appendix II) This projection is primarily predicated on the faculty teaching/research ratios of the faculty members currently in the department. Some of the new courses are scheduled on the basis of less frequent offerings of existing courses.

Overlap with existing courses. From time to time questions have been raised about the apparent overlap between courses offered by this

* Some of which are slightly modified to overcome possible areas of undesirable overlap with other departments.

One course proposal, Geography 460-5 (Selected Regions) has received approval for offering in 74-3 by the Senate.

department and other departments in the University. Our response has been that the character of our discipline is such that it requires a certain amount of overlap. In a memorandum to the Senate Undergraduate Studies Committee (November 27, 1972) I have attempted to describe the character of our discipline:

Geography is concerned with the character of places and seeks to understand how this character develops. Explanation of the character of the human landscape involves the awareness of all the factors that create landscapes. Geographers, therefore, study the physical landscape, involving such matters as climate, geological structure, the landforms created on the crust of the earth, and soils and vegetation; these contribute the bulk of the content to what is known as physical geography. But the personality of places reflects more than just the work of nature; equally important is how people over many millenia of occupance of the earth's surface have perceived the potential of the landscape and how they have used it. Geographers are therefore as much interested in what people do as in the raw materials upon which they have worked. But the subject matter of this discipline is the landscape or the personality of place; this concern is central to all aspects of Geography and to all courses that the Department of Geography teaches or proposes to teach.

The point is that geographers must draw upon the knowledge of the other disciplines in order to attempt to explain the character of the human landscape. Courses in physical geography will overlap with physics, biology and the earth sciences; those in cultural geography with anthropology, archaeology and sociology; and those in economic geography with economics, political science and perhaps others. The difference is that these materials are used in a different context, that of identifying and explaining the spatial character of the landscape.

Essentially, the proposals include:

1. Regrouping Division A courses into four sections:

I. Physical Geography

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|-------|-------------------------------------|
| 313-3 | Geomorphology |
| 314-3 | Climatology I |
| 315-3 | Biogeography I |
| 317-3 | Soil Geography |
| 318-3 | Sedimentology and Past Environments |

II. Economic Geography

| | |
|-------|----------------------------------|
| 322-3 | Geography of Primary Activities |
| 323-3 | Geography of Manufacturing |
| 324-3 | Geography of Transportation |
| 325-3 | Geography of Tertiary Activities |

III. Cultural Geography

- 342-3 Geography of Prehistoric Societies
- 343-3 Geography of Transitional Societies
- 344-3 Geography of Modern Industrial Societies (See No. 2 below)

IV. Other Geographical Areas

- 351-3 Cartography II
- 361-3 Introduction to Urban Geography (See No. 3 below)
- 362-3 Geography of Urban Development (See No. 3 below)
- 369-3* Human Microgeography
- 375-3* Historical Geography I
- 381-3 Political Geography
- 382-3 Population Geography

where Geography majors and honors are required to take at least one of their five 300-level courses from each of Sections I, II, and III.

2. Retitling and redescribing Geography 344 in Section III.
3. Adding two new courses in Urban Geography (Geography 361-3 and 362-3) and one new course in Historical Geography (Geography 475-5).
4. Adding in Division B three new courses: Selected Topics in Physical (419-5), Economic (429-5), and Cultural (449-5) Geography.
5. Streamlining Division C: adding a new course titled, "Selected Regions", which has received approval from Senate for offering in 74-3, and deleting Geography 463, 465, 466 and 468.
6. Adding two new courses in Division D: Geography 498-5 (a five-hour field study course to be offered principally in inter-semester periods) and Geography 499-15 (a fifteen-hour directed study/field study course.)

Thomas Beecher
 Acting Chairman
 (for M. E. Eliot Hurst)

* These courses require renumbering to fall in Section IV. There are no changes in course content.

DEPARTMENT OF GEOGRAPHY
Simon Fraser UniversityA. Statement of Department Aims & Goals*

The material of study of geography is the surface of the earth and humanity's use of it; geography is concerned with the special character of places and landscapes and with how these have developed, and therefore straddles in its interests the conventional social sciences, natural sciences and the humanities. Geography is basically and essentially cross-disciplinary in its approach.

The department offers undergraduate and graduate instruction in the traditional aspects of geography, the so-called physical, social and economic aspects, tending to stress the area of human geography.

Beyond the systematic approaches, the department of geography at Simon Fraser University has taken a special interest in those pressing contemporary problems that have geographical implications. In particular, attention is given at the upper levels to the areas of resource management, developing countries, land use conflicts, cities and the consequences of urbanisation.

Whilst undergraduates have quite a free choice in the development of programmes, it is possible to identify three streams or areas of specialisation: Cultural Geography, the relationship between different cultures and sub-cultures on the one hand and the use and interpretation of the surface of the earth that different peoples have made on the other; Economic Geography, including not only the traditional problems of location of various types of economic activity but also questions of social and ethical concern; Physical Geography, encompassing the study of the relationships among a number of Earth Sciences which give general insight into the nature of man's natural environment.

Undergraduates may concentrate on one of the traditional streams in their work, but they may not confine themselves to it. The need for awareness of the interrelationships of all landscape-forming factors is recognised by the requirement that students take, at the fourth year level, a course in the study of a particular area or region.

The Department offers graduate programmes at the Masters and Doctoral levels. There is particular interest in the development of theoretical and conceptual frameworks in the systematic aspects of Geography; emphasis is placed on the application of these to contemporary and historical geographical problems in western North America, with particular reference to British Columbia and the

* Statement accepted unanimously by full department on October 24, 1977

management of its resources.

The Department is naturally interested in interdisciplinary approaches in area studies and supports such projects as Canadian Studies, African and Middle East Studies and Latin American Studies. The Department looks forward to increasing cooperation with other disciplines in these matters.

| | 1974 | | | 1975 | | | 1976 | | | 1977 | | | 1978 | | | 1979 | | |
|------------------------------------|------|--------------------------|-------------|------|-----|-------------|------|-----|-----|-------------|-----|-----|------|-----|-----|-------------|-----|-----|
| | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal |
| 443 Regional Planning | | | TOR/ AUG | | GFS | | | | | TOR/ AUG | | STW | | | STW | TOR/ AUG | | |
| 452 Theoretical & Computer Cartog. | | | TKP | | | | | | | | TKP | | | | | | TKP | |
| 461 Western Europe | | Fin. Growth Kousn. | | | | | AM | | | | | | | FFC | | AM | | |
| 452 Canada | | | GAR | | FFC | | | GAR | | | FAC | | | GAR | | | | PMK |
| 463 U.S.A. | | (SEE 46X) | | | | | | | | | | | | | | | | |
| 454 Intertropical Africa | | | | | | | | | | | | | | | | | | |
| 455 Middle East | | (SEE 46X) | | | | | | | | | | | | | | | | |
| 455 South & South-east Asia | | (SEE 46X) | | | | | | | | | | | | | | | | |
| 467 Latin America | | | | | | | FFC | | | | FFC | | | | | FFC | | |
| 468 U.S.S.R. | | (SEE 46X) | | | | | | | | | | | | | | | | |
| 469 North American "Middle North" | | | | | | CRC | | CRC | | | | CRC | | | CRC | | | |
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| | 1974 | | | 1975 | | | 1976 | | | 1977 | | | 1978 | | | 1979 | | | |
|-------------------------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|--|
| | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal | spr | sum | fal | |
| A Seminar | | | | | | | | | | | | | | | | | | | |
| 05 Seminar | | | | | | | | | | | | | | | | | | | |
| 06 Geographical Methodology | | | | | | | | | | | | | | | | | | | |
| 07 Quantitative Methods in Geog. | | | | | | | | | | | | | | | | | | | |
| 491 Honors' Essay | | | | | | | | | | | | | | | | | | | |

A Seminar

05 Seminar

06 Geographical
Methodology

07 Quantitative
Methods in Geog.

491 Honors' Essay

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SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM - TITLE & DESCRIPTION CHANGE ONLY

Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 344 Credit Hours: 3 Vector: 1-2-0

Title of Course: GEOGRAPHY OF MODERN INDUSTRIAL SOCIETIES

Calendar Description of Course:

The theme of this course is the effect upon modern urban morphology of certain ideas and institutions prevalent in Anglo-Saxon cultures between the late eighteenth and early twentieth centuries. The origin, spread and differentiation of selected man-made landscape features are systematically reconstructed.

Nature of Course One one-hour lecture and one two-hour seminar.

Prerequisites (or special instructions):

Prerequisite: Geography 141

Recommended: Geography 201 and courses in nineteenth century English literature & history.

Students with credit for Geog. 344-3 under its previous title may not take this course for further credit.

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? Every other semester

Semester in which the course will first be offered?

Which of your present faculty would be available to make the proposed offering possible? E.M. Gibson

3. Objectives of the Course

See Attached

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 "The frequency of course offerings in the Geography undergraduate curriculum has been modified to accommodate the faculty staff and space requirements of this and other new courses in the Upper Level Review. Library and audio visual materials required for this course are presently available in the University and require no additional acquisitions. No further equipment other than what is available is required."

5. Approval

Date: 8-22-74

Thomas Pencher Department Chairman Acting Chairman

Dean

Chairman, SCUS

COURSE TITLE & DESCRIPTION CHANGE ONLY

3. Objectives of the Course

a. The general objective of the course is to reconstruct the origin, spread and differentiation in the morphology and style of the landscapes created by Anglo-Saxon cultures between the late eighteenth and the early nineteenth centuries. These include the design of civic, religious, commercial, industrial and domestic buildings, streets and parks together with their arrangements in town plans. The object is not to merely describe these changes but to understand them as expressions and generators of ideas. In the end the students ought to be able to identify "modern" building and landscaping styles and connect them with both the principal ideas associated with their origins and their place to place variations in Anglo-Saxon cultures.

b. The course will be organized in three parts:

PART I

- 1 INTRODUCTION TO THE CULTURAL GEOGRAPHY OF BRITISH PEOPLES IN THE NINETEENTH CENTURY

PART II

- POOL OF NINETEENTH CENTURY IDEAS AND TECHNOLOGY
- 2 a. Romantic Ideals and Steam Technology.
 - 3 b. Pugin: God and a Theory of Urban Design.
 - 4 c. Ruckin: History and Theory of Urban Design.
 - 5 d. Morris: Brotherhood and a Theory of Urban Design.

PART III

ORIGIN SPREAD AND DIFFERENTIATION OF ANGLO-SAXON INDUSTRIAL CULTURE

- 6 a. The Railway.
- 7 b. The Factory.
- 8 c. Civic Buildings.
- 9 d. Parks, Gardens and Streets.
- 10 e. Working Class Housing.
- 11 f. Country Homes.
12. g. Town Plans.

c. The proposed course change is an attempt to establish a calendar entry that better describes the content of Geography 344-3. Geography of Contemporary Industrial Societies as it has evolved under the influence of recent published literature in culture geography and the growing interests in urban geography reflected in other course changes made by the Department over the last eight years. Thus the course is on one hand a part of the Department's Cultural stream and on the other hand a building block for 400 level courses in Canada, U.S.A. and Urban geography.

d. The proposed course does not overlap with any course already existing.

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C.87-3
C.87-4

SIMON FRASER UNIVERSITY
Department of Geography

TO: Undergraduate Studies Committee
Department of Geography

FROM: L. J. Evenden

SUBJECT: Proposed courses in Urban
Geography (Geog. 361-3 and
362-3)

DATE: April 25, 1974

The attached New Course Proposal forms are completed as per the requirements outlined in the instructions from Dr. Muiridge, Chairman, SCUS, dated October 1st, 1973, with the exception of item 3(b) which requires a statement of how the proposed courses fit into our overall programme. The purpose of this covering note is to fulfil that requirement and I do so by appending two earlier memoranda from me to the Committee, the first dated June 21st, 1973, and the second dated February 26th, 1974.

LJE/gf

SIMON FRASER UNIVERSITY
Department of Geography

TO: Undergraduate Studies Committee

FROM: J. L. Evenden
Department of Geography

SUBJECT: Effect on the course Geography 441, DATE: February 26, 1974.
Geography of Urban Regions, of the
introduction of Geography 361-3
and 362-3.

Background

The intention of Geography 441 is, as stated in the Calendar, to evaluate "...the nature of urbanization having specific reference to theories of urban spatial structure and to comparisons of urbanization in Canada and abroad."

This implies prior knowledge of the principles of urban geography and a commitment to the study of urban phenomena on a comparative basis. Experience with the course in the programme has led to the conclusion that students are ill-prepared to take up such comparative study, largely because they have not been exposed to a systematic urban geography at some earlier level. Thus some of this missing background has had to be covered as an introduction in Geography 441. This provides only a superficial knowledge and takes away from the intent of Geography 441.

Effect

Introduction of the two courses at the 300 level would provide an in-depth background to the principles of urban geography. Thus the subject would be much more firmly based in the programme and would remove from Geography 441 the need to cover this material. This senior level course could then fulfil its aim in the study of comparative urbanism.

SIMON FRASER UNIVERSITY

MEMORANDUM

TO: A. MacPherson, Chairman
Undergraduate Studies Committee

FROM: L. J. Evenden
Geography Department

SUBJECT: The place of Urban Geography in the
upper levels course structure:
Circumstances and Proposal

DATE: June 21, 1973.

1. Immediate circumstances

The up-coming review of the upper levels course structure provides the opportunity to re-assess the place of Urban Geography in our curriculum.

2. Background

It was my understanding, when first appointed, that Geography 441-5, "Urban Regions", was to be my principal focus for teaching. I was made to understand, further, that the course was to "use" the knowledge of the systematics, and to "cap" the study of urbanism by reference to comparative studies and studies which have attempted to identify ways of making valid comparisons. In this sense it was one of the courses designed to "integrate" or "synthesize" at the final stage of degree study and this has been the direction of my efforts.

The exigencies of the "tri'mester" system have produced various strains on the continuity of course materials and, although the course has not frequently been offered by others, when it has the subject matter has tended to revert to a systematic urban geography such as used to be taught in outlines as exemplified in Mayer and Kohn, Readings in Urban Geography; Barry and Horton, Geographic Perspectives on Urban Systems, has been used at least once as a text for 441, and this book may be regarded as the direct intellectual descendant of the Mayer and Kohn format.

Two factors which should potentially influence our restructuring of the curriculum may be read into this. First, despite the fact that our upper levels programme is, in certain clearly identifiable ways, an outgrowth of the "old" urban geography of the late 1950's, there is evidently a felt need to keep up systematic instruction along these well-established lines. I agree with those who feel this way, but without violating the intention of the Urban Regions course, there has been no opportunity to teach along those lines. What students have received in this way is thus patchy and only put together by the individual student exposed to these "patches" in various courses. Second, it appears there is a greater interest on the part of faculty to be involved in teaching specifically "urban" courses, as evidenced by volunteered names in the recent five year projection for courses. In an opinion climate of "don't spread me too thinly" a concentration of names anywhere in the curriculum is an event and may be taken as a renewed interest in the subject matter and market potential of urban geography.

April 25, 1974

3. Precedents

I have surveyed the Urban Geography offerings, in their contexts of programmes for Geography, in most of the Canadian universities with Geography Departments. Two basic impressions emerge:

- a) Simon Fraser has not been alone in mounting programmes related to the Urban Geography curricula of 15 years ago;
- but b) we stand alone in not having retained, or re-introduced, courses which are specifically labelled by the word "urban" and are "systematic" in content and approach.

These impressions have long been with me and are the basis of my submitting new courses to the Committee some 18 months ago. My recent examination of curricula makes me feel even more strongly that we are not only light on our urban offerings, but out of phase with other geography programmes. This is a serious matter if we are to keep in mind that we should offer the "best possible undergraduate programme in geography", and a serious matter indeed when we consider our geographical position in one of the fastest growing, and largest, urban areas in Canada.

In going through the programmes of other Geography Departments, and in keeping a finger on trends in Urban Geography, I conclude that our deficiencies lie in an absence of systematic urban geography, historical urban geography, graphical techniques in urban analysis, and problem (or research) courses (or seminars) in urban study. One is made more acutely aware of deficiencies when it is realized that aside from P.S. 464-5, which is infrequently offered, there are no other specifically designated "urban" courses in the University Calendar apart from our own "Urban Regions". The proposals below hew to the line of correcting these deficiencies in our departmental offerings.

LJE/gf

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

Department: GEOGRAPHY

Credit Hours: 3 Vector: 2-1-0

Calendar Information

Abbreviation Code: GEOG Course Number: 361

Title of Course: INTRODUCTION TO URBAN GEOGRAPHY

Calendar Description of Course:

This course will introduce basic concepts in the study of urban geography by systematically identifying and examining major components of urban structure.

Nature of Course Two lectures and one tutorial

Prerequisites (or special instructions):

Geography 111-3; 121-3 and 141-3 or permission of the department. It is preferable, but not essential, to take this course before taking Geography 362.

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? Annually

Semester in which the course will first be offered? Fall 1975

Which of your present faculty would be available to make the proposed offering possible? L.J. Evenden, R.C. Brown and faculty.

3. Objectives of the Course

- These are:
- a) to introduce the study of urban geography on a systematic basis;
 - b) to identify the major components of urban structure;
 - c) to assess the structure of knowledge about the contemporary city as revealed by the scholarly literature on the subject. (See attached course outline)

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

The frequency of course offerings in the Geography Undergrad Curriculum has been modified to accommodate the faculty, staff and space requirements of this course. Library and audio visual materials required for this course are presently available at the University. No additional equipment is necessary.

5. Approval

Date: 22-8-74

Thomas Pencher
Department Chairman
Acting Chairman

Dean

Chairman, SCUS

Introduction to Urban Geography

1. Texts:
Carter, Harold, The Study of Urban Geography, London, Edward Arnold, 1972,
346 pp. xiv.

This is a recent text and is one of the best available for the upper level undergraduate. It is already widely adopted in universities.

Jackson, John J., The Canadian City, Toronto, McGraw-Hill-Ryerson, 1973,
237 pp. xiv.

This recent text parallels Carter's book in structure but it is based upon Canadian materials. It makes a point of linking Canadian urban structure to European antecedents, and thus helps to link this course with the proposed Geography 362-3.

Topics:

I. Overview of Contemporary Urban Problems

- (a) extent of urban development; selected examples
- (b) rapidity of urban growth and change
- (c) urban problems in national context
- (d) effects of urban growth: inner city, suburban sprawl, decline of small centres, regeneration of selected centres
- (e) demarcating and delimiting the urban area
- (f) problems of urban data

II. The Locations of Cities

- (a) in relation to broad environmental factors: coastlines, latitudinal zones, and rivers
- (b) in relation to transportation routes

III. The Concept of Centrality

- (a) the functional approach in urban geography
- (b) central authority as the basis for focal activity
- (c) central place theory; rank size rule
- (d) criticisms of central place theory and of the rank size rule

IV. Urban Taxonomy

- (a) functions, and functional classifications, of towns
- (b) morphology and the analysis of plan (layout)
- (c) imagery and the perception of cities

V. Populations of the City

- (a) distributional characteristics of the population by age and sex
- (b) distributional characteristics of ethnic groups
- (c) distributional characteristics of social classes
- (d) change characteristics of populations in areas of the city
- (e) migrations of urban population
- (f) diurnal variations in population distributions

VI Physical Geography of the City

- (a) natural site characteristics - geology, soils, drainage
- (b) water supply and usage
- (c) the urban climate
- (d) urban geomorphology
- (d) urban metabolism

VII The Urban Land Problem

- (a) land use theories and realities
- (b) the central business district
- (c) residential areas: inner city, city and suburb
- (d) the rural-urban fringe
- (e) urban development and re-development
- (f) the amenity factor
- (g) open space

VIII The Political Factor in Urban Geography

- (a) the geo-political framework of cities
- (b) urban development in relation to the changing nature of political involvement

IX The Contemporary "Super-City"

X Case Studies in Urban Problems

XI The Urban Future

Comment on Emphases

Emphasis will be placed principally upon II through IX. The Overview section is intended to be brief and IX and X will be treated according to available time.

This course does not overlap in objective with any other course listed in the University Calendar.

References:

We are fortunate in having two recent texts admirably suited to our purposes. Supplementary references include the following. No journal articles are included in this list, several of the volumes comprising selections of "Readings". Numerous journals, however, including all the major geographical ones, carry articles relevant to this course, and reading assignments in the journals would be made as appropriate.

- Bartholomew, H., Land Uses in American Cities, Harvard University Press, 1955.
- Beaujeu-Garnier, J. and G. Chabot, Urban Geography, Longmans, 1967.
- Berry, B.J.L., and F. Horton, Geographic Perspectives on Urban Systems, Prentice-Hall, 1970, 564 pp. xxii.
- Bourne, L.S., Internal Structure of the City, Oxford, 1971. (Readings)
- Chapin, F.S., Jr., Urban Land Use Planning, 2nd ed., U. of Illinois Press, 1965.
- Christaller, W., Central Places in Southern Germany, Prentice-Hall, 1966.
- Detwyler, T.R., M.G. Marcus, et al., Urbanization and Environment: the Physical Geography of the City, Duxbury Press, Belmont, 1972.
- Dickinson, R.E., City and Region, Routledge and Kegan Paul, 1964.
- Gibbs, Jack P., Urban Research Methods, Van Nostrand, 1961 (Readings).
- Gottmann, J., Megalopolis, Twentieth Century Fund, 1961.
- Hall, Peter, The World Cities, McGraw-Hill, 1966.
- Hauser, P.M. and L.F. Schnore, The Study of Urbanization, John Wiley, 1965.
- Johnson, J.H., Urban Geography, London, Pergamon, 1967.
- Jones, E., Towns and Cities, Oxford University Press, 1966.
- Legget, Robert F., Cities and Geology, McGraw-Hill, 1973.
- Mayer, H. and C. Kohn, Readings in Urban Geography, U. of Chicago Press, 1959.
- Norborg, K. (ed.), Proceedings of the ICG Symposium in Urban Geography, Lund, 1960, Lund Studies in Geography, Series B, Human Geography (Readings).
- Park, Robert E., E.W. Burgess and R.D. McKenzie (eds.), The City, U. of Chicago Press, 1925.
- Putnam, R.G. F.J. Taylor and P.G. Kettle, A Geography of Urban Places, Methuen, 1970 (Readings).
- Rose, A., Patterns of Cities, Nelson, 1967.
- Taylor, G., Urban Geography, Methuen, 1949.

NEW COURSE PROPOSAL FORMCalendar InformationDepartment: GEOGRAPHYAbbreviation Code: GEOG Course Number: 362 Credit Hours: 3 Vector: 2-1-0Title of Course: GEOGRAPHY OF URBAN DEVELOPMENTCalendar Description of Course:

This course will apply the principles of urban geographical analysis, the study of urbanization as exemplified in the development of cities in Europe and North America.

Nature of Course: Two hour lectures and one tutorialPrerequisites (or special instructions):

Geography 111-3, 121-3 and 141-3 or permission of the department.

It is preferable, but not essential, to take this course after having taken Geography 361.

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? AnnuallySemester in which the course will first be offered? Fall 1976

Which of your present faculty would be available to make the proposed offering possible? L.J. Evenden

Objectives of the Course

The overall objective is to examine emerging trends in urban development through the consistent application of urban geographical principles to patterns of city growth, activity, building and decline.

See attached course outline.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff and space requirements of this course. Library and audio visual materials required for this course are presently available in the University. No additional equipment is necessary.

Staff

Library

Audio Visual

Space

Equipment

5. ApprovalDate: 22-8-74

Thomas P. ...
Department Chairman

Acting Chairman

Dean

Chairman, SCUS

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

Oct. '73

Geography of Urban Development

Text:

There is no text which would cover adequately the content of the course. As already occurs in some courses, selections of readings would comprise the "core" reading requirements and these could vary from semester to semester. Two recent papers do stand out as appropriate general statements which would frame the course in an introductory way. These are:

- a) Wheatley, Paul, "The Concept of Urbanism", in Man, Settlement and Urbanism, edited by P.J. Ucko, R. Tringham and G.W. Dimbleby, London, Ducksworth, 1972. Reprint No. 12, Warner Modular Publications.
- b) Vance, J., "Land assignment in the Precapitalist, Capitalist, and Postcapitalist City", Economic Geography, XLVIII, No. 2, 1971, pp. 101-120.

Topics:

I. Introduction

- (a) geographic approaches to the study of urbanization and urbanism, including approaches taken by scholars in different countries
- (b) definitions

II. The Urbanizing World

- (a) indigenous urbanism: regions and characteristics
- (b) "pre-industrial" versus "industrial" urbanism
- (c) criticisms of the pre-industrial designation
- (d) persistent tendencies in urban characteristics
- (d) the tendency to "Ecumenopolis"

III. Basic Principles of Urban Location and Basic Ideas of Urban Analysis

- (a) urbanism and territoriality
- (b) site and situation
- (c) external relations of cities
- (d) changing structure of the city
- (e) historical-functional approaches to urbanism

IV. The Problem of Metropolitanism and the Mercantile City

- (a) functional, structural and interactional comparisons between the historic trading city and the "mother city"
- (b) comparisons and contrasts between the modern idea of the metropolis and the merely "big city".

V. Urban regionalism

- (a) geographical structure of the city state
- (a) geographical structure of the urban hinterland

VI. The European Sequence in City-building: Geographic Structural Expressions

- (a) Medieval
- (b) Renaissance
- (c) Industrial

VII. Capital Cities, Frontier Cities, and Colonial Cities

- (a) the forward site and the central site
- (b) examination of examples as types
- (c) interrelationships among types

VIII. Evolutionary Theories of City Structure as expressed principally in the works of:

- (a) Patrick Geddes
- (b) Lewis Mumford
- (c) Griffith Taylor

IX. Canadian Settlement and Urbanization

- a) regional variations in the settlement process
- b) the emergence of a "system" of cities
- c) urban primacy in the Canadian context
- d) morphological characteristics of Canadian cities.

X. The Geography of Urban Government and Planning in Canada

- a) cities as Provincial entities
- b) spatial characteristics of municipal jurisdiction
- c) geography of metropolitan government

XI. Conclusion: Urbanization and Urbanism - Process and State

Comment on Emphases

Parts I through III are intended to review basic principles of urban geography as suited specifically to this course. The largest proportion of time would be spent on parts IV through X. Extensive use would be made of examples throughout the course and the geographical approach, as expressed in I through III, would be emphasized in each case. The sections on Canadian urbanization would attempt not only to describe and interpret the urban process and their expressions in Canada, but would also attempt to place them in a wider historical-geographical context, referring to European and American influences in particular. This is a point of contact with the proposed Introduction to Urban Geography and specifically links to Jackson's book, The Canadian City, proposed as a text in that course.

References

Because of the large number of references which could be included, the following list has been compiled as suggestive of the range of reading matter which would be referred to. The list is selective and, with one or two exceptions includes no journal articles, although reading assignments in the journals would of course be made as appropriate.

- Abercrombie, P., Town and Country Planning, Oxford University Press, 1933.
- Adams, Robt. McC., The Evolution of Urban Society: Early Mesopotamia and Prehispanic Mexico. Lewis Henry Morgan Lectures, 1909. Chicago, Aldine, 191 pp., 1966.
- Adams, Thos., Rural Planning and Development, Canada, Commission of Conservation, Ottawa, 1917.
- _____, Outline of Town and City Planning, New York, Russell Sage Foundation, 1936.
- Argan, G., Renaissance City, Brazille, New York.
- Beckinsale, R.P., and J.M. Houston, Urbanization and its Problems, Blackwell, Oxford, 1968.
- Bellan, R.C., The Evolving City, Pitman (Copp Clark in Toronto), 1971.
- Beresford, Maurice, New Towns of the Middle Ages: Town Plantation in England, Wales, Gascony, London, 1967.
- Berry, B.J.L. and F. Horton, Geographic Perspectives on Urban Systems, Prentice-Hall, 1970.
- Bird, J., Geography of the Port of London, London, Hutchinson, 1957.
- Blanchard, Raoul, Grenoble: Etude de Geographie urbaine, 1912 (& 1935 augmented).
- Booth, Chas., Life and Labour of the People in London, Pelican, 1971, abridged ed. (Hutchinson, 1969). Charles Booth's London edited by Albert Fried and Richard M. Elman.
- Bourne, L.S., Internal Structure of the City, Oxford, 1971 (Readings).
- Braidwood, Robt. J. and Gordon P. Willey, Courses Toward Urban Life, Viking Fund Publs. in Anthropology, No. 32, Chicago, 1962.
- Briggs, Asa, Victorian Cities, London, Odhams, 1963 (also in Pelican).
- British Association, Scientific Survey of South-eastern Scotland, 1917, Edinburgh.
- Brown, Ralph, Historical Geography of the United States, Harcourt, Brace & World, 1948.

Burke, Gerald, Towns in the Making, Department of Town Planning, College of Estate Management, London, 1971.

Camblin, Gilbert, The Town in Ulster, Mullan, Belfast, 1951. DA 990
U46 C27 UBC Geol/Geog. Lib.

Clarke, M.V., The Medieval City State. An Essay on Tyranny and Federation in the Late Middle Ages, London, 1926.

Cornish, Vaughan, The Great Capitals: An Historical Geography, Methuen, London, 1923. Reprinted 1971.

Curl, Jas. S., European Cities and Society, London, Leonard Hill Books, 1970, 190 pp. + viii.

Dickinson, R.E., The West European City, Routledge & Kegan Paul.

Doxiadis, C., Ekistics.

Dyos, H.J. (ed.), The Study of Urban History, London, Edward Arnold, 1968.

East, W.G., The Geography Behind History, Nelson, 1938.

_____, An Historical Geography of Europe, London, Methuen, 4th edition, 1950.

Gallion, Eisner, The Urban Pattern.

Geddes, P., Cities in Evolution, 1915.

Glaab, Chas. N. & A.T. Brown, A History of Urban America, Macmillan, 1967.

Goodman, Paul & Percival, Communitas, 2nd ed., New York, Random House, 1960.

Gottmann, J., Megalopolis, The Urbanized Northeastern Seaboard of the United States, New York, Twentieth Century Fund, 1961.

Greene, Jack P., Settlements to Society, 1584-1763, Vol. 1, Doc. Hist. of American Life, McGraw-Hill, 1966.

Gutkind, E.A., Urban Development in...(series) (Vol. 1) Central Europe, 1964; (Vol. 2) Alpine and Scandinavian Countries, 1965; (Vol. 3) Urban Dev. in Southern Europe, Spain & Portugal (1967); (Vol. 4) Urban Dev. in Southern Europe, Italy & Greece (1969), etc.

International History of City Development, Free Press Collier-Macmillan, 1964-71, 7 Vols., HT 11 G8.

Gutkind, E., Our World from the Air: An International Survey of Man & His Environment.

Hackett, Brian, Man, Society and Environment: The Historical Basis of Planning, London, Percival Marshall, 1950. (Vol. 2 of The Series of Planning Series).

Halliday, W.R., The Growth of the City State.

Hammond, M., The City in the Ancient World, Harvard University Press, Cambridge, Mass., 1972, 617 pp.

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Hiorns, Town Building in History.

Houston, J.M., A Social Geography of Europe, London, Gerald Duckworth, 2nd ed., 1963.

Howard, E., Garden Cities of Tomorrow.

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Jacobs, Jane, The Economy of Cities, Random House, 268 pp.

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Johnson, James H., Urban Geography (2nd ed.)

Keir, David, Edinburgh, Third Statistical Account of Scotland, Collins, Glasgow, 1966.

Kerr, D. and J. Spelt, The Changing Face of Toronto, Ottawa, Dept. of Mines and Technical Surveys, Geographical Branch, Memoir No. 11, 1965.

Lavedan, P., Histoire d'Urbanisme, Paris, 4 Vols. (1926-1952).

Lucas, R., Minetown, Milltown, Railtown, University of Toronto, 1971.

McKelvey, Blake, The Urbanization of America, 1860-1915; 1963.

_____, The Emergence of Metropolitan America, 1915-1966, Rutgers University Press, 1968.

McKelvey, B., The City in American History, Allen & Unwin, 1969.

_____, American Urbanization, Scott Foresman, 1973.

Mabogunje, A.L., Urbanization in Nigeria, U. of London Press, 1968.

Marsh, L., Communities in Canada, Toronto, McClelland and Stewart, 1971.

Merlin, P., New Towns, Methuen, 1971.

Moholy-Nagy, Matrix of Man: An Illustrated History of Urban Environments, Praeger, New York.

Mumford, L., The Culture of Cities, London, 1938.

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- Mundy, John H. and P. Reisenberg, The Medieval Town, Van Nostrand (Anvil), 1958.
- Murphy, Raymond, The American City: An Urban Geography, McGraw-Hill, 1966.
- Oslor, C.F., The Process of Urbanization in Canada, 1800-1961, M.A. Thesis, SFU Economics Department, 1968, 227 pp.
- Pearson, N., New Towns: The Canadian Experience, University of Guelph, 1972.
- Pirenne, H., Early Democracies in the Low Countries: Urban Society and Political Conflict in the Middle Ages and the Renaissance, trans. by J.V. Saunders (Manchester U.P. & Longmans 1915) but Harper Torchbook, 1963, New intro. (1963 by John H. Mundy).
- Pirenne, H., Medieval Cities, trans. by F.D. Halsey (Princeton U.P., 1925), Anchor Books.
- Plunkett, T.J., Urban Canada and Its Government, Toronto, Macmillan, 1968.
- Pred, A., External Relations of Cities during Industrial Revolution, U. of Chicago, Dept. of Geography Research Report, 1963.
- Reps, John W., The Making of Urban America, Princeton, 1965.
- Robinson, I., New Industrial Towns on Canada's Resource Frontier, U. of Chicago, Dept. of Geography Research Report, 1963.
- Robson, B., Urban Growth, Methuen, 1973.
- Rorig, Fritz, The Medieval Town, U. of Calif. Press, Berkeley & Los Angeles, 1967. 208 pp.
- Rugg, Dean, Spatial Foundations of Urbanism, Dubuque, Wm. C. Brown, 1972.
- Russell, J.C., Medieval Regions and their Cities, Newton Abbott, David & Charles, 1972.
- Saalman, H., Medieval Cities, Brazille.
- Saarinen, Eliel, The City: Its Growth, Its Decay, Its Future. Reinhold 1943, MIT Paperback ed. 1965.
- Schlesinger, A., The City in American History.
- Scientific American, Cities: Their Origin, Growth and Human Impact, Intro. by Kingsley Davis, W.H. Freeman, San Francisco, 1973. 297 pp.
- Sennett, R., Classical Essays on the Culture of Cities, New York, Appleton-Century-Crofts, Educational Division, Meredith Corporation, 1969.

Sharp, T., Town Planning.

Simmons, J., "Urban Geography in Canada", Canadian Geographer, 1967.

Simmons, J. & R., Urban Canada, Toronto, Copp Clark, 1969.

Sjoberg, G., The Pre-Industrial City, Free Press.

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Goorcum, 1955. McClelland & Stewart, 1972.

Thernstrom, S. & R. Sennet, Nineteenth Century Cities: Essays in the
New Urban History, Yale U.P., 1969.

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1936 Yale - repub. by M. & S., 1964.

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Unwin, Raymond, Town Planning In Practice.

Urbanization in African Social Change, Proc. of the Inaugural Seminar
held in the Centre of African Studies, University of Edinburgh,
5th - 7th January, 1963.

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Prentice-Hall, 1970.

Wade, Richard, The Urban Frontier, The Rise of Cities in the West,
1790-1830.

Waley, Daniel, The Italian City - Republics, McGraw-Hill, 1969, 254 pp.

Ward-Perkins, J., Cities of Ancient Greece and Italy, Brazillies.

Weber, A.F., The Growth of Cities in the Nineteenth Century, London,
1899. Reprinted, Cornell U.P., 1966.

Weber, Max, The City, Trans. & ed. by Don Martindale and Gertrude
Neuwirth, Free Press/Collier Macmillan, 1958. Intro. by Martindale.

Wolforth, J. and R. Leigh, Urban Prospects, Toronto, McClelland and
Stewart, 1971.

Youngson, A.J., The Making of Classical Edinburgh, 1740-1850, Edinburgh
U.P., 1966.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

NUMBER CHANGE ONLY

Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 369 Credit Hours: 3 Vector: 2-1-0

Title of Course: HUMAN MICROGEOGRAPHY

Calendar Description of Course:

An examination of human interaction with physical environment, focusing on the individual as the unit of analysis, with special emphasis upon designed environments. This course may not be taken by students who have previously taken Geography 349-3.

Nature of Course One two-hour lecture and one one-hour seminar

Prerequisites (or special instructions):

Geography 141 Students with credit for Geog: 349-3 may not take this course for further credit.

What course (courses), if any, is being dropped from the calendar if this course is approved: Geography 349-3 (Number change only)

2. Scheduling

How frequently will the course be offered? Twice yearly

Semester in which the course will first be offered?

Which of your present faculty would be available to make the proposed offering possible? R.B. Horsfall

3. Objectives of the Course - The course will deal with the individual in interaction with his environment: his efforts toward its modification, as well as his response to, and perception of various environmental features. Principal attention will be given to fixed-feature space; social groups and semi-fixed-features will only be considered as modifiers of the interaction between the individual and his (relatively stable) physical surroundings.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty NONE. Number change only.

Staff

Library

Audio Visual

Space

Equipment

5. Approval

Date: 2.2-8-74

Thomas Pearce
Department Chairman
Acting Chairman

Dean

Chairman, SCUS

COURSE OUTLINE (PROVISIONAL)

Course Content:

The course will deal with the individual in interaction with his environment: his efforts toward its modification, as well as his responses to, and perception of various environmental features. Principal attention will be given to fixed-feature space; social groups and semi-fixed features will only be considered as modifiers of the interaction between the individual and his (relatively stable) physical surroundings.

Course Structure:

Two one-hour lectures and one one-hour tutorial per week. A field research project will be required of each student, on a subject approved by the instructor. Grade will be determined as follows:

| | |
|------------------------|-----|
| mid-term exam | 20% |
| final exam | 30% |
| tutorial participation | 20% |
| field project | 30% |

Recommended Readings:

- Alexander, C., "The Goodness of Fit and Its Source," in Notes on the Synthesis of Man, Cambridge, Mass., 1964, Harvard University Press.
- Alexander, C., "The City as a Mechanism for Sustaining Human Contact," in W.R. Davis, Jr. (ed.) Environment for Man, Indiana University Press.
- Altman, I. & Hythorn, W.W., "The Ecology of Isolated Groups," Behavioural Science, 1967, 12, 169-182.
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SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

TITLE & NUMBER CHANGE ONLY

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 375 Credit Hours: 3 Vector: 1-2-0

Title of Course: HISTORICAL GEOGRAPHY I

Calendar Description of Course:

Geographical factors in the settlement of Canada and the United States; the role of the frontier; and geographic factors in the changing nature of the perception of resources. This course may not be taken by students who have previously taken Geography 345-3.

Nature of Course One one-hour lecture and one two-hour seminar

Prerequisites (or special instructions):

Geography 141-3 Students with credit for Geog. 345-3 may not take this course for further credit.

What course (courses), if any, is being dropped from the calendar if this course is approved: Geography 345-3

2. Scheduling

How frequently will the course be offered? Twice yearly

Semester in which the course will first be offered?

Which of your present faculty would be available to make the proposed offering possible? P.M. Koroscil and G.A. Rheumer

3. Objectives of the Course

Title change required to correspond with new course proposal - Geography 475 - Historical Geography II.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty NONE. Number change only.

Staff

Library

Audio Visual

Space

Equipment

5. Approval

Date: 2.2.8.74

J. Curran, Peter Roe
Department Chairman
Acting Chairman

Dean

Chairman, SCUS

Historical Geography

An introduction into the basic approaches utilized in Historical Geography. Application of the approaches to Canada and the United States.

Course Outline

Required Text

P.M. Koroscil, An Introduction to Historical Geography, Discussion Paper No. 4, Department of Geography, Indiana University Research Publications, 1971.

Topics to be Discussed

1. Philosophy, Science, Philosophy of Science.
2. Philosophical Problems of the Social Sciences.
3. Philosophy and Methodology, History, Geography, Historical Geography.
4. Geographical Interpretations of Historical Sources.
5. Methodology and Application; Historical Geography.
 - a. General Variations in Approaches.
 - b. Past Geographies.
 - c. Geographical Change.
 - d. Past in the Present.
 - e. Behavioural Approach.
 - f. Models Approach.
6. Technique Problems and Historical Geography.
7. Application to Canada and U.S.A.

RESERVE LIST

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SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 419 Credit Hours: 5 Vector: 0-2-3

Title of Course: SELECTED TOPICS IN PHYSICAL GEOGRAPHY

Calendar Description of Course:

The topics will vary from semester to semester depending upon the interests of faculty and students. NOTE: This course may not be counted more than once toward the degree.

Nature of Course Two hour seminar and three hour lab

Prerequisites (or special instructions):

At least 60 semester hours credit and completion of 12 semester hours of Geography Division A courses.

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? Yearly

Semester in which the course will first be offered? 76-1

Which of your present faculty would be available to make the proposed offering possible? C.B. Crampton, F.F. Cunningham, E.J. Hickin, M.C. Kellman & R.B. Sagar.

3. Objectives of the Course

SEE ATTACHED.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

- Faculty: The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff and space requirements of this course.
Staff: Library & Audio Visual materials required for this course are presently available in the University. No additional equipment is necessary.
Library:
Audio Visual:
Space:
Equipment:

Approval Date: June 74

R.C. Brown Department Chairman

Dean

Chairman, SCUS

3. Objectives of the Course

To develop topics in physical geography not normally treated in depth in other established courses. These might include special local weather effects, the character of physical hazards such as land and snow slides, local vegetation problems, local erosion problems and other topical subjects in physical geography. In addition, the course will be used to explore particular areas of traditional physical geography - e.g., coastal erosion and control with special reference to B.C.

Title of Course: Special Topics in Physical Geography: the physical consequences of human interference with rivers.

Instructor: E.J. Hickin

Course Outline

General

The age of awareness of the environment has arrived. The physical consequences of human interference with rivers forms the overall framework of this course. This framework is established by dealing first with general concepts and with specific topics such as flood flows and volumes, minimum flows and volumes, water quality, and water uses related to the environment. The balance of the course deals with fluvial processes and sedimentation. Stress is placed on local, upstream and downstream effects of water diversions into and out of the river system, and of technical works for specific purposes, such as dams, dikes and river training systems.

1. Introduction

2. Physical effects on the environment

Political and Social

Dam failures

flood control

minimum flows

water levels

ice

physical aspects of water quality

fish

3. Interbasin Water Transfer

Nelson, Churchill and Seal River Basins

Eastern tributaries of James Bay

International interbasin Water transfer

Texas water plan

Siberian Arctic-flowing rivers to Aral Sea

Tadoga Lake and Dnieper River in USSR

Arctic-flowing rivers to Caspian Sea in USSR

4. Fluvial Processes and Sedimentation

Drainage areas

Flood plains

Channel processes

River constrictions

Reservoir sedimentation

Aggradation above reservoirs

Degradation below reservoirs

Saskatchewan River Basin

5. Future investigations and integrated planning

Extensive data banks
Data collection for preproject conditions
Use of systems analysis
Comprehensive planning

6. General Conclusions

Course Work: The course will take the form of an intensive literature review.

Students will be required to present two major seminars based on selected references in the bibliography. Laboratory assignments (in fluvial processes and sedimentation) and field excursions also represent an important component of the course.

Grading: Grades will be assigned on the basis of:

- (a) a term paper
- (b) a final 3-hour examination

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SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 429 Credit Hours: 5 Vector: 2-3-0

Title of Course: SELECTED TOPICS IN ECONOMIC GEOGRAPHY

Calendar Description of Course:

The topics will vary from semester to semester depending upon the interests of faculty and students. NOTE: This course may not be counted more than once toward the degree.

Nature of Course One 2-hour lecture and One 3-hour seminar.

Prerequisites (or special instructions):

At least 60 semester hours credit and completion of 12 semester hours of Geography Division A courses.

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? Yearly

Semester in which the course will first be offered? Fall 1975

Which of your present faculty would be available to make the proposed offering possible? R.C. Brown, M.E. Eliot Hurst, T.K. Peucker and G.P.F. Steed.

3. Objectives of the Course

To analyze issues and topics in the area of economic geography not treated in depth in existing courses. A suggested outline for one such course, on the multinational enterprise, is attached. Other topics might include Poverty, etc.

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
- The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff and space requirements of this course. Library and Audio Visual material required for this course are presently available in the University. No additional equipment is necessary.

5. Approval

Date: 4 June 74

R.C. Brown
A/ Department Chairman

Dean

Chairman, SCUS

Guy P. P. Steed

GEOGRAPHY AND THE MULTINATIONAL ENTERPRISE

Course Objectives

The rate, patterns and processes of change in the economic geography of the world have been crucially affected by the rise of the multinational enterprise, whose very strength and geographic integration poses a key challenge to the independence of nation states. This course provides a focus on the geographic evolution and spatial imperatives of these juggernauts, as well as their locational impact and distinct variations in host country responses. It assesses the validity of the technological determinism implicit in the argument that "the conflict of our era is between ethnocentric nationalism and geocentric technology." (Sidney Kolfo). The latter and major portion of the course is devoted to intercountry comparisons and case studies of leading world industries and international corporations to provide a sound historical and empirical basis from which to view the earlier and more theoretical considerations.

Nature of the Course

There will be two lectures and two tutorials/seminars per week. Students will be encouraged to undertake independent research on a topic chosen in consultation with the professor. 40% of the final grade will be based upon a term paper, 30% on some short assignments and 30% on a final take home exam based on class material.

Geography and the Multinational Enterprise

Reading List

- Adelman, M.A. The World Petroleum Market
Baltimore: Johns Hopkins U.P., 1972.
- Aharoni, Y. The Foreign Investment Decision Process
Cambridge, Mass.: Harvard U.P., 1966.
- Bannock, G. The Juggernauts: An Age of the Big Corporation
Harmondsworth, Middlesex: Pelican Books edition, 1973.
Part 3. automotive elephantiasis 223-272.
- Baranson, J. Automotive Industries in Developing Countries
Baltimore: Johns Hopkins Press, 1969.
- Baranson, J. Manufacturing Problems in India: The Cummins Diesel Experience
New York: Syracuse U.P., 1967
- Behrman, J.N. National Tensions over the Multinational Enterprise
Englewood Cliffs, N.J.: Prentice Hall 1970.
- Behrman, J.N. Some Patterns in the Rise of Multinational Enterprise
Chapel Hill, N.C.: Univ. of North Carolina, Grad. School of Bus.,
Res. Paper 18, 1969.
- Behrman, J.N. The Role of International Companies in Latin American Integration
Lexington, Mass.: Heath Books, 1972.
- Behrman, J.N. U.S. International Business and Governments
N.Y.: McGraw Hill 1971.
- Beigle, C.E. The Canada - U.S. Automotive Agreement: an Evaluation
Montreal: Canadian-American Committee, 1970.
- Bourgault, P.L. Innovation and the Structure of Canadian Industry
Ottawa: Information Canada, 1972. Science Council Special
Study No. 23.
- Brash, D.T. American Investment in Australian Industry
Canberra: Australian National Univ. Press, 1966.
- Brooke, M.Z. and Remanens, H.L. (eds.) The Multinational Company in Europe
London: Longman, 1972
Ch. 9 Problems of resource allocation in an international
corporation.
- Brooke, M.Z. and Remanens, H.L. The Strategy of the Multinational Enterprise
London: Longman, 1970
- Cordell, A.J. The Multinational Firm, Foreign Direct Investment and Canadian
Science Policy
Ottawa: Information Canada 1971 Science Council Special Study
No. 22.
- Deane, R.G. Foreign Investment in New Zealand Manufacturing
London: Sweet and Maxwell, 1970.
- Dickie, R.B. Foreign Investment in France: a Case Study
London: Sijthoff, 1970.

COURSE OUTLINE

Week

Section A: The Multinational Enterprise (MNE)

1. Nature of Significance
Forms of MNE
2. Spatial patterns of MNE growth
Determinants of direct foreign investment
3. Location decisions
Geographic structure
4. Locational impact: trade and competition
Locational impact: industrial mix and regional development

Section B: Host Country Case Studies

Canada

6. Australia and New Zealand
United Kingdom
7. France and the Netherlands
India
8. Latin America

Section C: Industry Case Studies

9. Oil: the "seven sisters" as "OPEC tax-collectors"
10. Automobiles: auto-pacts and world integration

Section D: MNE Case Studies

11. Massey Ferguson and Cummins Diesel
12. IBM and Unilever

Reading List - On separate page

Doerner, F.G. The Worldwide Industrial Enterprise
New York: McGraw Hill, 1967.

Dunning, J.H. (ed.) International Investment
Harmondsworth, Middlesex: Penguin Books, 1972.

Dunning, J.H. (ed.) The Multinational Enterprise
New York: Praeger, 1971.

Dunning, J.H. The Role of American Investment in the British Economy
London: PEP Broadsheet 507, 1969.

France, B.
IBM in IBM in
Washington: National Planning Association. U.S. Business
Performance Abroad, Tenth Case Study, 1961, pp. 108 \$1.0

Friedmann, W.G. & Begnia, J.P. Joint International Ventures in Developing Countries
N.Y.: Columbia U.P., 1971
Ch. 12 (IBM) Computers in World Markets: Wholly Owned Sub-
sidiaries and Affiliates.

Nevins, A. and Hill Ford: Decline and Rebirth, 1933-1962
F.E. New York: Scribners, 1963
ch. 4 overseas domain
11 outer empire: war and peace
16 foreign scene: post war world.

Government of Canada Foreign Direct Investment in Canada
Ottawa: Information Canada 1972.

Hartshorn, J.E. Oil Companies and Governments
London: Faber & Faber, 1967.

Johnstone, A.W. United States Direct Investment in France
Cambridge, Mass.: M.I.T. Press, 1965.

Kidlon, M. Foreign Investment in India
Oxford Univ. Press, 1965.

Kindleberger, C.P. American Business Abroad
New Haven: Yale U.P., 1969.

Kindleberger, C.P. The International Corporation
(ed.) Cambridge, Mass.: M.I.T. Press, 1970.

Levitt, K. Silent Surrender: The Multinational Corporation in Canada
Toronto: Macmillan, 1970 256 pp. paper \$4.95.

Litvak, I.A., Maule, C. & Robinson, R.D. Dual Loyalty: Canadian-U.S. Business Arrangements
Toronto: McGraw Hill 1971.

Litvak, I.A. and Maule, C.J. (eds.) Foreign Investment: The Experience of Host Countries
New York: Praeger, 1970.

MacDonald, N.B. Locational Advantages in the Farm Machinery Industry
Ottawa: Queen's Printer, 1970. Royal Commission on Farm
Machinery Study No. 6.

Mikesell, R.F. (ed.) Foreign Investment in the Petroleum and Mineral Industries
Baltimore: Johns Hopkins, 1971.

Neufeld, E.P. A Global Corporation. A History of the International Develop-
of Massey-Ferguson Ltd.
Toronto: Univ. of Toronto Press, 1969.

Odell, P.R.

Oil and World Power: A Geographical Interpretation
Harmondsworth, Middlesex: Penguin, 1970

Penrose, E.T.

The Large International Firm in Developing Countries: The
International Petroleum Industry
London: Allen & Unwin, 1968.

Rodgers, W.

THINK: a Biography of the Watsons and IBM
New York: Stein and Day, 1969
ch. 13 The International

Safarac, A.E.

Foreign Ownership of Canadian Industry
Toronto. McGraw Hill, 1966.

Schreiber, J.C.

U.S. Corporate Investment in Taiwan
Cambridge, Mass.: Universities Press, 1970.

Schwartzman, D.

Oligopoly in the Farm Machinery Industry
Ottawa: Queen's Printer, 1970 Royal Commission on Farm Machinery
Study, No. 12.

Stubenitsky, F.

American Direct Investment in the Netherlands Industry
Rotterdam: Rotterdam University Press, 1970.

Tanzer, M.

The Political Economy of International Oil and the Underdeveloped
Countries
Boston: Beacon Press, 1969.

Task Force on the Structure of Canadian Industry, Report.

Foreign Ownership and the Structure of Canadian Industry
Ottawa: Privy Council Office, 1968.

Tomlinson, J.W.C.

The Joint Venture Process in International Business: India and
Pakistan
Cambridge, Mass.: Harvard U.P. 1970.

Tugendhat, C.

Oil: The Biggest Business
London: Eyra and Spottiswoods, 1968.

Tugendhat, C.

The Multinationals
Harmondsworth, Middlesex: Pelican Books edition, 1973.

Venpal, J.W. and
Curhan, J.P.

The Making of Multinational Enterprise
Boston: Harvard University, Grad. School of Bus. Admin., 1969.

Vernon, R.

Sovereignty at Bay: The Multinational Spread of U.S. Enterprise
New York: Basic Books 1971.

Wells, L.T., Jr. (ed)

The Product Life Cycle and International Trade
Boston: Harvard Univ., Grad. School of Bus. Admin., 1972.

White, L.J.

The Automobile Industry Since 1945.
Cambridge, Mass., Harvard U.P., 1971.

Wilkins, M.

The Emergence of Multinational Enterprise
Cambridge, Mass.: Harvard U.P., 1970.

Wilkins, M. and
Hill, F.E.

American Business Abroad: Ford on Six Continents
Detroit: Wayne U.P., 1964.

Wilson, C.H.

Unilever 1945-65
London: Cassell, 1968.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

Department: Geography

1. Calendar Information

Abbreviation Code: GEOG Course Number: 449 Credit Hours: 5 Vector: 2-3-0

Title of Course: SELECTED TOPICS IN CULTURAL GEOGRAPHY

Calendar Description of Course:

The topics will vary from semester to semester depending upon the interests of faculty and students. NOTE: This course may not be counted more than once toward the degree

Nature of Course One 2-hour lecture and One 3-hour seminar

Prerequisites (or special instructions):

At least 60 semester hours credit and completion of 12 semester hours of Geography Division A courses.

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? Yearly

semester in which the course will first be offered? Fall 1975

Which of your present faculty would be available to make the proposed offering possible? L.J. Evenden, E.M. Gibson, R.B. Horsfall, P.M. Koroscil, A. MacPherson, G.A. Rheumer, P.L. Wagner

3. Objectives of the Course

See attached statement

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

- Faculty: The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff, and space requirements of this course.
- Staff: Library and Audio Visual material required for this course are presently available in the University. No additional equipment is necessary.
- Library
- Audio Visual
- Space
- Equipment

Approval

Date: 4 June 74

R.C. Brown
Department Chairman

_____ Dean

_____ Chairman, SCUB

GEOGRAPHY 449

The object of this course is to present from time to time courses on geographical themes not offered in the department's regular programme but capable of being offered by the present faculty and with existing library resources. The themes studied under this number will be approached from the perspective of cultural geography methods. The particular theme exemplified in this proposal is the history of man on earth with special reference to the impact of the scientific revolution on the social and physical environment. The outline and bibliography are derived from a cultural geography course taught at the Department of Geography, University of Victoria.

CULTURAL GEOGRAPHY OF RESOURCE USE SINCE THE ENLIGHTENMENT

I. Continuum

1. Cosmic Quandary
2. Geological Neo-Catastrophism
3. Homeostatic Circulation
4. Negentropic Biology
5. Anachronistic Psychology

II. Disjunction

6. The Archaeology of Consciousness
7. The Power of Wisdom
8. Organic Sensibility
9. Mechanical Dissemblance
10. The Withering of Wisdom
11. The Testimony of Cities
12. Systematic Dehumanization
13. Incumbent Ecologies

III. Refinement

14. The Apparition of Progress
15. The Illusion of Freedom
16. The Juggernaut of History
17. The Blindness of Urbanology
18. The Reduction to Resources

IV. Machinations

19. The Eradication of Self-sufficiency
20. The Engineering of Habitat
21. The Pursuit of Growth
22. The Realization of Fantasy
23. The Promise of Behaviorism

V. Revestment

24. Romantic Nostalgia
25. Radical Spite
26. The Simplicity of Fulfillment
27. The Philosophies of Authenticity
28. Artistic Magic
29. Altruistic Isolationism
30. The Defeat of Titans
31. The Amorality of Law

VI. Physico-theology

32. Catalytic Demography
33. Biotic Annulment
34. Rationalized Pollution
35. Depletion Loopholes
36. Durable Sin

Reading List

| | |
|------------------------|--|
| Morrow | <u>Conservation for Survival</u> |
| Ramsay | <u>Managing Environment</u> |
| Dasman | <u>Planet in Peril</u> |
| Ecologist | <u>Blueprint for Survival</u> |
| Goldman | <u>Spoils of Progress</u> |
| Gordon | <u>Environmental Management</u> |
| Jackson | <u>Man and Environment</u> |
| Caldwell | <u>In Defense of Earth</u> |
| Perrin | <u>With Man in Mind</u> |
| Murphy | <u>Man and his Environment</u> |
| Harte | <u>Patient Earth</u> |
| Krutilla | <u>Natural Environments</u> |
| N.R.C. | <u>Earth and Human Affairs</u> |
| French | <u>Love of Earth</u> |
| Saslaw | <u>Emerging Universe</u> |
| Bernal | <u>Extension of Man</u> |
| Hodge | <u>Concepts of the Universe</u> |
| Kummel | <u>History of Earth</u> |
| Morgan | <u>Emergent Evolutions</u> |
| Darwin | <u>Voyage of Beagle</u> |
| Darwin | <u>Origin of Species</u> |
| Koestler | <u>Beyond Reductionism</u> |
| Gardner | <u>Quest for Mind</u> |
| Struevor | <u>Prehistoric Agriculture</u> |
| de Candelle | <u>Origin of Cultivated Plants</u> |
| Isaac | <u>Geography of Domestication</u> |
| Butzer | <u>Environment and Archaeology</u> |
| Wittfogel | <u>Oriental Despotism</u> |
| Mumford | <u>Myth of Machine</u> |
| Koestler | <u>Lotus and Robot</u> |
| Breasted | <u>Development of Thought in Egypt</u> |
| Fustel | <u>Ancient City</u> |
| Wheatley | <u>Pivot of Four Quarters</u> |
| Hammond | <u>City of Ancient World</u> |
| Coon | <u>Hunting Peoples</u> |
| Matthiasson | <u>Under Mountain Wall</u> |
| Bicchieri | <u>Hunters and Gatherers Today</u> |
| Lovejoy | <u>Primitivism in Antiquity</u> |
| Turnbull | <u>Mountain People</u> |
| Dill | <u>Roman Society</u> |
| Seidenberg | <u>Post-Historic Man</u> |
| Teilhard du Chardin | <u>Man's Place in Nature</u> |

Reading List

White
Frank
Schwanitz
Anderson
Keedham

Roman Framing
Economic history of Rome
Origin of Cultivated Plants
Plants Man and Life
Science and Civilization in China

Mumford
Waddell
White
Huizinga
Buckle
Whewell

Pentagon of Power
Desert Fathers
Science and Sentiment
Waning of Middle Ages
Civilization in England
History of Inductive Sciences

Forbes
Boulding

Conquest of Nature
Meaning of Twentieth Century

Berton
Poor
Germino
Keriel
Moses
Kolko
Schneider
Jerome
Robinson
Lasswell
Arendt
Hobbes
Carlyle
Arnold
Carnegie
Haymond

Last Spike
History of Railroads
Beyond Ideology
In Search of Authority
Public Works
Triumph of Conservatism
Autokind vs Mankind
Death of Automobile
Highways and Environment
Analysis of Political Behavior
Origins of Totalitarianism
Leviathan
Lectures in Hero Worship
Symbols of Government
Wealth
Government and Pacific Railroads

Dickens
Lewis
Marx
Steffans
Reps
Ure
Parker

Hard Times
Main Street
Capital
Shame of Cities
Town Planning in Frontier America
Philosophy of Manufactures
Myth of Middle Class

Orvin
Olmsted
Grainger
Dumont
Adams
Brule
Maitland

Open Fields
Journey in Back Country
Woodsmen of West
Types of Rural Economy
Conquest of Tropics
English Farming
Domesday Book

Reading List

Pinchot
Hays
Price

Breaking New Ground
Conservation and Gospel of Efficiency
Land We Live In

Young
Nair
Malefakis
Wharton
Peder
Frankel
Dumont
Brown
Hunter
Franklin
Petras
Furtado

Travels in France
Blossoms in Dust
Agrarian Reform in Spain
Subsistence and Development
Rape of Peasantry
India's Green Revolution
False Start in Africa
Agricultural Development in India
Modernizing Peasant Societies
European Peasantry
Cultivating Revolution
Obstacles to Development

Whyte
Howard
Osborn
Abrams
Dixiadis
Scott
Osborn

Last Landscape
Garden Cities
Greenbelt Cities
City is Frontier
Architecture in Transition
History of American City Planning
New Towns

Venetoulis
Eichler
Mehely-Nagy
Rodwin

Up Against Urban Wall
Community Builders
Matrix of Man
Future Metropolis

Alpert
Uphoff
Levy
Johnson
Faber
Cole
Falcon
Lewis
Ardagh
Myrdal
Tobin

Partnership or Confrontation
Political Economy of Development
Modernization
Organization of Space in Development
Crisis in Planning
Korean Development
Development in Pakistan
Pakistan
New French Revolution
Challenge to Affluence
National Economic Policy

Gunn
Huxley
Estendary
Martin
Theobald
Roslaneky

Man in Future
Humanist Frame
Optimism One
Computerized Society
Futures Conditional
Shaping Future

Levy
Woodward

Space
Human Dilemma

Ferkiss

Technological Man

Reading List

| | |
|-------------|---|
| Burke | <u>New Technology and Human Values</u> |
| Kostalanetz | <u>Human Alternatives</u> |
| Boyko | <u>Science and Future of Man</u> |
| Sarason | <u>Creation of Settings</u> |
| Scott | <u>Social Control</u> |
| Ruskin | <u>Unto this Land</u> |
| Morris | <u>Maps from Nowhere</u> |
| Goodman | <u>Communities</u> |
| Thoreau | <u>Walden</u> |
| Wheeler | <u>Selkirk Range</u> |
| Wolfe | <u>Son of Wilderness</u> |
| Downing | <u>Theory of Landscape Gardening</u> |
| Crown | <u>Policy Integration in Canadian Agriculture</u> |
| Orwell | <u>Road to Wigan Pier</u> |
| Snyder | <u>Earth House Hold</u> |
| Bromfield | <u>Malabar Farm</u> |
| Rousseau | <u>Confessions</u> |
| Heldegger | <u>On Time and Being</u> |
| Husserl | <u>Cartesian Meditations</u> |
| Girvetz | <u>Science Folklore and Philosophy</u> |
| Hook | <u>Art and Philosophy</u> |
| Tolstoy | <u>What is Art</u> |
| Wilson | <u>Artist in Society</u> |
| Read | <u>Art and Alienation</u> |

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 475 Credit Hours: 5 Vector: 2-3-0

Title of Course: HISTORICAL GEOGRAPHY II

Calendar Description of Course: An examination of the ways in which the study historical geography has been adapting to new problems, new methodologies, new techniques, and new sources. The course will attempt to deal primarily with the application of historical geography to a North American context with an emphasis on Canada and British Columbia.

Nature of Course One two-hour lecture and one two-hour seminar.

Prerequisites (or special instructions):

Geography 375-3 (or Geography 345-3)

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? Yearly

Semester in which the course will first be offered? Fall 1975

Which of your present faculty would be available to make the proposed offering possible? P.M. Koroscil

3. Objectives of the Course For remarks related to SCUS 73-74a document - see course outline. The objective of the course could be viewed from two points of view: (1) To provide the student with an opportunity to further his knowledge of historical geography in light of the new problems, methodologies, techniques, and sources arising in the field. (2) To provide the student with an opportunity to apply this knowledge to a specific problem.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty The frequency of course offerings in the Geography undergraduate curriculum have been modified to accommodate the faculty, staff and space requirements of this and other new courses in the Upper Level Review. Library and audio visual materials required for this course are presently available in the University and require no additional acquisitions. The only budgetary requirement is the cost of a field trip to the Provincial Archives in Victoria. The cost is \$20.00.

5. Approval

Date: 22-8-74

J. P. ... Department Chairman Activity Chairman

Dean

Chairman, SCUS

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Course Description

An examination of the ways in which the study of historical geography has been adapting to new problems, new methodologies, new techniques, and new sources. The course will attempt to deal primarily with the application of historical geography in an North American context with an emphasis on Canada and British Columbia although examples of studies from other countries will be examined.

II Objectives of the Course

The objective of the course could be viewed from two points of view:
(1) To provide the student with an opportunity to further his knowledge of historical geography in light of the new problems, methodologies, techniques, and sources arising in the field. (2) To provide the student with an opportunity to apply this knowledge to a specific problem.

III Objectives and Content in Relation to Department Aims

The material of study of geography is the surface of the earth and humanity's use of it; geography is concerned with the special character of places and landscapes and with how these have developed. Historical geography plays a significant role in understanding the character of places and landscapes and how they have developed in the past.

The department offers undergraduate and graduate instruction in the traditional aspects of geography, the so-called physical, social and economic aspects, tending to stress the area of human geography. In this latter case historical geography is an important aspect of inquiry in the area of human geography. The proposed 445-5 historical geography course falls into Division B of the upper levels portion of our programme which indicates that the courses in this division are extensions of work at the 300 division. In this case, the pre-requisite for the 445-5 course will be Geography 345-3, Historical Geography.

IV Course Overlap with Existing courses in the Department of Geography

Of the thirteen weeks which make up the course, there is a two week overlap with Geography 345, i.e. Week 4 and 5. See Course outline.

V Budgetary Requirement

Twenty dollars for field trip to Victoria.

VI Required Text

Baker, Alan R.H., ed. Progress in Historical Geography, David and Charles, England, 1972.

Course Organization

There will be two seminars each week. One will be two hours, the other three hours in length. One seminar will be devoted to lecturing and the second seminar will consist of student reports. There will be a field trip to the Public Archives in Victoria.

Course Requirements

The course grade will be determined by the student's participation and presentation of written reports together with a final term paper to be handed in at the end of the semester.

Topics to be Discussed

Week 1 and 2

An Overview of historical geography

(a) An examination of the field in such areas as Britain, Australia, New Zealand, France, Canada and the U.S.A.

(b) Differentiation of viewpoints between the areas.

References

Baker, Alan R.H., Progress in Historical Geography. Required text.

Harris, C.R. "Historical Geography in Canada", Canadian Geographer 11 (4), 1967, pp. 235-250.

Week 3

Delimiting the field of study for purposes of using a common series of approaches to examine a problem area in historical geography.

References

Baker, Alan R.H., Progress in Historical Geography. Required text.

Baker, Alan R.H., "The Future of the Past," Area: Institute of British Geographers, 4, 1969.

Prince, H.C. "Progress in Historical Geography," in Cooke & Johnson, Trends in Geography, 1969, pp. 110-122.

Prince, H.C. "Three Realms of Historical Geography" Progress in Historical Geography Vol. 3, pp. 4-86.

Smith, C.T. "Historical Geography: Current Trends and Prospects," in Chorley & Haggett, Frontiers in Geographical Teaching, 1962, pp. 118-143.

Clark, A.H. "Historical Geography," in James & Jones, American Geography Inventory and Prospect, 1954, pp. 70-106.

Sauer, C.O., "Foreward to Historical Geography", Annals Association of American Geographer, 1941, pp. 1-24.

Week 4 and 5

A Review of the common approaches exemplified in the literature.
a) Past Geographies b) Geographical Change c) Past in the Present
and d) Behavioural.

References

Clark, A.H., Three Centuries and the Island, U. of Toronto Press, 1959.
 "Geographical Change: A Theme for Economic History"
Journal of Economic History, Vol. 20, 1960, pp. 607-615.

Bowden, M.J. "The Perception of the Western Interior of the United States, 1800-1870; A Problem in Historical Geography," Proc. Assoc. American Geographer 1, pp. 16-21.

Darby, H.C. "The Changing English Landscape," Geographical Journal 117, 1951, pp. 377-98.
 "The Domesday Geography of Eastern England," Cambridge U. Press 1952.

Koroscil, P.M., "The Changing Landscape of Whitehorse, Yukon Territory: A Historical Perspective" J. Minghi (ed.) Peoples of Living Land, Tantalus, Vancouver, 1972.

Koroscil, P.M., "Behavioural Analysis in Historical geography" Paper presented to Annual Conference Institute of British Geographers, Jan. 1973. Birmingham England.

Baker, A.R.H. "A Note on the Retrogressive and Retrospective Approaches in Historical Geography" Erdkunde 22, 1968, pp. 243-44.

Allen, John L., "An Analysis of the Exploratory Process", Geographical Review, 1972, pp. 13-29.

Ross, Eric, Beyond the River and the Bay.

Ruggles, R.I., "The West of Canada in 1963: Imagination and Reality" The Canadian Geographer vol. 15, 1971.

Heathcote, R.L. Back to Bourke: A Study of Land Appraisal and Settlement in Semi-Arid Australia, Melbourne U. Press, 1965.

Kiefer, W.E., "An Agricultural Settlement Complex in Indiana", Annals of Association American Geographer Sept. 1972.

Ross, S.H., Metallurgical Beginnings: The Case for Copper in the Prehistoric American Southwest Annals Association of American Geographers, June, 1968.

Week 6 and 7

Geographical Interpretations of historical sources. a) Types of available source material. Primary, Secondary, and Tertiary.

References

... & Langton, Geographical Interpretation of Historical
 ... 1970. 451 pages.

64

Durronberger, R.W., Geographical Research and Writing. T.Y. Crowell & Co.
New York, 1971.

Week 8 and 9

Techniques used in historical geography. Qualitative and Quantitative.

References

- Darby, H.C. "The Problem of Geographical Description," Trans. of the Inst. of British Geographers 30, 1962, pp. 1-14.
- Darby, H.C. "Domesday book and the first Land Utilization Survey" Geographical Magazine, March 1970, London, pp. 416-423.
- Dicks, T.R.B. "Network Analysis and Historical Geography" Area I.B.G., Vol. 4, No. 1, 1972, pp. 386-92.
- Pitts, F.R., "A Graph Theoretical Approach to Historical Geography" Professional Geographer Vol. 17, 1965, pp. 15-20.
- Gentilcore, R.L. "Change in Settlement in Ontario, 1800-50: A correlation Analysis of Historic Source Materials" Proceedings International Geographical Congress (P.I.G.G.) 1972.
- Tyman, J.L. "The Use of the Keydex System in processing historical Data" PIGG 1972.
- Brunger, A.G. "Analysis of site factors in nineteenth century Ontario settlement" PIGG 1972.
- Koroscil, P.M. "Behavioural Analysis in Historical Geography" - op. cit.
- Clark, A.H. "The Sheep/Swine Ratio as a Guide to a Century's Change in the Livestock Geography of Nova Scotia," Economic Geography 38, 1962, pp. 38-55.

Week 10

Student clarification of a problem area in historical geography from previous readings.

Week 11, 12, 13

Student application of problem area to Canada, hopefully, B.C.

X Senate Committee on Undergraduate Studies New Course Proposal Form.

SIMON FRASER UNIVERSITY

MEMORANDUM

| | |
|--------------------------|--|
| To H. Evans Registrar | From G.A. Rheumer, Chairman Undergraduate Studies Committee Geography Department |
| Subject Geography 498-5 | Date November 13, 1974 |

This course will normally be offered in the period from the end of exams in one semester to the beginning of classes in the subsequent semester, but a report and/or seminar will be required which will, of necessity, be prepared after the beginning of the subsequent semester.

In the inter-semester period intensive library and seminar work will occupy the first two or three days. Following this period, two weeks will be spent in the field, during which time the student will apply the various experiences derived from the earlier seminar and library work, in field mapping and analysis. Normally seminars will be held in the evenings to discuss the day's activities.

G.A. Rheumer

GAR:bs

ccs: I. Mugridge
W.A.S. Smith
M.E. Eliot Hurst
Stan Kanehara

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 498 Credit Hours: 5 Vector: _____

Title of Course: FIELD STUDIES

Calendar Description of Course:

Special Studies and Practical Problems in Field Techniques.

Nature of Course Five-hour field/lab.

Prerequisites (or special instructions):

At least 60 semester hours credit and completion of 12 semester hours of Geography Division A courses.

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? Yearly

Semester in which the course will first be offered? Fall 1975

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

3. Objectives of the Course

To provide the opportunity for field work, a crucial component of geography, only partially recognized elsewhere in the geography programme.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

- Faculty The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff
- Staff and space requirements of this course. Library and audio visual
- Library materials required for this course are presently available in
- Audio Visual the University. No additional equipment is necessary.
- Space
- Equipment

5. Approval

Date: 2-2-8-74

Thomas Penner

Department Chairman

Dean

Chairman, SCUS

Acting Chairman

Field Course
Geography 498

Basic Outline - a sample (498)

Time

Approx. 1/3 I Classroom - Library work*

1. Map reading and air photo interpretation
2. Mapping techniques in the field
 - a. observation and recording
 - b. classification - e.g. A.R.D.A., T.V.A. etc.
 - c. compilation
3. Methodological approaches to special topic - e.g. Historical Geography, Land Use, etc.
4. Analysis of Resource Materials for particular area/areas to be visited in field.
 - including: essays, theses, local histories, government documents, etc.

Approx. 1/3 II Field Study

1. Sample studies of a day or two duration according to particular interests of participants followed by evening seminars in which the work is discussed
2. Major Field Problem - according to the student's particular interest

Approx. 1/3 III Writing of Field Report

8 Includes lecture-tutorial(seminar)

Bibliography - a sample

Board, Christopher

"Field Work in Geography with Particular Emphasis on the Role of Land Use-Survey" Frontiers in Geographical Teaching, ed. Chorley, R.J., Haggett, P. London, 1965, pp. 186-214.

Clark, Andrew H.,

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Salisbury, N.E. and Lewis, P.F.,

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Technical Paper #1, Washington, D.C.

Gunn, Angus M.,

Field Studies with Particular Reference to Geography, C.A.G. Bulletin 13, 1966.

Holmes, John,

"Problems in Local Sampling" Annals A.A.G.
Vol. 57(1967) pp. 757-780

Lattman, L.H. and Ray, R.G.,

Aerial Photographs in Field Geology.
Holt Rinehart and Winston, Toronto. 1965.

Numley, R.E.,

Living Maps of the Field Plotter A.A.G.
Technical Paper #4, 1971 Washington, D.C.

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"Geographic Field Study Techniques"
Journal of Geography, Vol. 66(1967) pp. 360-363.

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"The Role of Field Work" Introduction to Geography: Selected Readings, Dohrs, F.E. and Sommers, L.M., New York, Crowell 1967 pp. 183-187.

Wheeler, K.S. and Harding, M.,

Geographical Field Work: A Handbook,
London, Blond, 1965.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

U-81-1

1. Calendar Information

Department: GEOGRAPHY

Abbreviation Code: GEOG Course Number: 499 Credit Hours: 15 Vector: _____

Title of Course: DIRECTED READINGS/FIELD STUDY

Calendar Description of Course:

A course in which reading and research, and/or field work will be supervised by faculty members.

Nature of Course Fifteen-hour seminar/field lab.

Prerequisites (or special instructions):

At least 60 semester hours credit and completion of 12 semester hours of Geography Division A courses.

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? Yearly

Semester in which the course will first be offered? Spring 1976

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

3. Objectives of the Course

To provide on a one-semester basis the opportunity for intensive individual study.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

| | |
|--------------|---|
| Faculty | The frequency of course offerings in the Geography Undergraduate Curriculum has been modified to accommodate the faculty, staff and space requirements of this course. Library and audio visual materials required for this course are presently available in the University. No additional equipment is necessary. |
| Staff | |
| Library | |
| Audio Visual | |
| Space | |
| Equipment | |

Approval

Date: 22-8-74

Virginia Peucher
Department Chairman
Acting Chairman

Dean

Chairman, SCUS