

SIMON FRASER UNIVERSITY

S.81-52

MEMORANDUM

To Senate
Graduate Curriculum Changes - Department
of Geography - Course 800-Change of Title
Subject and Description Added; Course 802-
Description Added; Course 803-Description
Added; Course 805-Description Added.

From Office of the Dean of Graduate Studies

Date January 30, 1981

MOTION: "That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-52, change of title and addition of description for GEOG 800, and addition of description for GEOG 802-3, 803-3, 805-3."

These changes were approved by the Senate Graduate Studies Committee on January 26, 1981.

Bryan P. Beirne
Dean of Graduate Studies

/bjr
attachs.

SIMON FRASER UNIVERSITY

MEMORANDUM

To Members of the Senate Graduate
Studies Committee

From Marian McGinn
Assistant Registrar
Graduate Studies

Subject Curriculum Changes - Department of
Geography - Descriptions Added

Date December 30, 1980

These changes were approved by the Executive Committee of the Senate Graduate Studies Committee at its meeting on December 15, 1980.


Marian McGinn

MM/bjr

MEMORANDUM

To..... Ms. M. McGinn, Asst. Registrar.....

From..... Sheila Roberts, Secretary.....

..... Graduate Studies.....

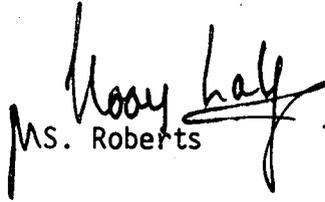
..... Faculty of Arts Graduate Studies Comm.....

Subject..... Curriculum Changes - Geography.....

Date..... 1980-12-10.....

The Faculty of Arts Curriculum Committee at its meeting of November 13, 1980 approved the curriculum changes from the department of Geography. Would you please place the same on the agenda of the next Executive Committee of the Senate Graduate Studies Committee.

Thank you.


MS. Roberts

Attachment

:n1

C.S. 80-11C

SIMON FRASER UNIVERSITY

Graduate Course Proposal Form

CHANGE OF
TITLE ONLY
and Description
Added.

CALENDAR INFORMATION:

Department: Geography Course Number: 800-3

Title: Introduction to Graduate Studies (new title)

Description: A required course designed to acquaint new graduate students with the research strengths of the Department, research facilities in the University and its vicinity and with the methodologies of the... (over)

Credit Hours: 3 Vector: 0-3-0 Prerequisite(s) if any: -

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: varies When will the course first be offered: Is always offered in Fall Semesters
(under 10)
How often will the course be offered: Once a year

JUSTIFICATION:

This is not a new course offering. The only changes are the course title and the addition of the course description in the graduate calendar. The title has been changed as it better fits the calendar description.

RESOURCES:

Which Faculty member will normally teach the course: S.T. Wong, J.T. Pierce

What are the budgetary implications of mounting the course: None

Are there sufficient Library resources (append details): Yes

- Appended: a) Outline of the Course
- b) An indication of the competence of the Faculty member to give the course.
- c) Library resources - None

Approved: Departmental Graduate Studies Committee: [Signature] Date: Dec 8/80

Faculty Graduate Studies Committee: [Signature] Date: Dec 8/80

Faculty: K. Brown Date: Dec 9/80

Senate Graduate Studies Committee: [Signature] Date: 27 Jan 81

Senate: _____ Date: _____

Course Outline

Objectives:

- A. To critically examine some of the major components and problems in the design and operationalization of geographic research.
- B. To trace the change in the methodological framework within which geographic research has taken place.

Comments:

The central theme of the course, to quote Bauslaugh, is to "encourage critical thinking, the critical use of intelligence, it is to encourage incisiveness and analytical ability, and a healthy scepticism, as well as receptiveness to new ideas".

Content:

Seminar No.

- | | |
|---------|---|
| 1 & 2 | A critical look at reason and the scientific method. |
| 3 | Empirical research: concepts and approaches. |
| 4 | Problem analysis and development of research designs. |
| 5 | Discussion of thesis review. |
| 6 - 8 | Production of Data. |
| 9 & 10 | Data Analysis. |
| 11 - 13 | Discussion of Thesis Proposals. |

Assignments:

Students will be expected to prepare one term paper which will examine the changing approaches in research methodology in the geographic field of their interest.

In addition, two smaller assignments are expected: one, a critical review of a graduate thesis; the other, a proposal for research within the student's field of interest.

Readings:

There is no required text. A detailed list of readings will be available at the beginning of term.

Simon Fraser University
Department of Geography
Fall Semester, 1979

Geography 800-3
S.T. Wong

Geography 800-3: Introduction to Graduate Studies

Outline of Schedule

Introduction to graduate studies

Faculty research interests

Research facilities in local area

Use of serials and geographic bibliographies

Canons of book reviewing and geographic publication
appraisal

Map evaluation and computing cartographic research

Field methods in geographic research

Historiographic and archival research methods

Audio visual aid to geographic research

Statistics as a research tool in geography

Research proposal writing

Date of meeting: Tentatively Thursday afternoon

Place: Depends on faculty preference

CALENDAR INFORMATION:

Department: Geography Course Number: 802

Title: Theories and Recent Developments in Physical Geography

Description: A review of current research trends with emphasis on departmental activities in the atmospheric sciences, glaciology, biogeography, soils geography, geomorphology, and hydrology.

Credit Hours: 3 Vector: 0-3-0 Prerequisite(s) if any: -

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: varies When will the course first be offered: Is always offered
(under 10) in Fall Semesters.

How often will the course be offered: Once a year

JUSTIFICATION:

This is not a new course offering. The only change is the addition of the course description in the graduate calendar.

RESOURCES:

Which Faculty member will normally teach the course: E.J. Hickin, I. Hutchinson,
R.B. Sagar

What are the budgetary implications of mounting the course: None

Are there sufficient Library resources (append details): Yes

- Appended: a) Outline of the Course
- b) An indication of the competence of the Faculty member to give the course.
- c) Library resources - None

Approved: Departmental Graduate Studies Committee: [Signature] Date: Dec 8/80
 Faculty Graduate Studies Committee: [Signature] Date: Dec 8/80
 Faculty: RC Brown Date: Dec 9/80
 Senate Graduate Studies Committee: [Signature] Date: 27 Jan 81
 Senate: _____ Date: _____

Department of Geography
Simon Fraser University
Fall Semester, 1980

Geography 802
E.J. Hickin
K. Hutchinson
R.B. Sagar

Theories & Recent Developments in Physical Geography

Course Outline

General: Geog. 802 will review selected recent literature in geomorphology, biogeography and atmospheric science. This literature will be put into historical and philosophical perspective and its importance for understanding the physical environment of the B.C. Lower Mainland will be explored.

Administration:

The areas of review will be treated in the following order:

Geomorphology (Hickin; first 4 weeks)
Biogeography (Hutchinson, weeks 5-8)
Atmospheric Science (Sagar; weeks 9-12)
General Review (Hickin; final week)

Each of these sections will be the subject of a final examination.

Geomorphology:

Details for the first phase of the course will be partly determined at the first meeting of the class (Monday, Sept. 8 at 2 p.m. in Room 7122 CC)

It is planned to conduct a 2-hour weekly seminar based on a reading list that will be distributed at the first class.

Students are strongly advised to read the following background material before the first week of classes:

G.H. Dury, 1969, Perspectives on Geomorphic Processes, A.A.G., Resource Paper 3 (Commission on College Geography), 56 p.

&

S.S. Holland, 1976, Landforms of British Columbia, A Physiographic Outline: B.C. Dept. of Mines & Petrol. Res., Bull. 48.

Biogeography & Atmospheric Science phases of the course may not necessarily follow the format of the first phase; details will be announced in the first week of classes.

Biogeography Section

1. The initial session will consist of a one-day field trip around the Lower Mainland to examine local forest, bog and marsh communities.
2. There will be a 2-hour weekly seminar based on the following readings:

Week 2. The dynamics of species populations (or how to monitor a fragile non-entity).

Harper, J.L. (1967). A Darwinian approach to plant ecology. J. Ecol. 55: 247-270.

Solbrig, O.T. (1972). The population biology of dandelions. Amer. Sci. 59: 686-694.

Week 3. Ecology of communities: - islands as metaphors.

Ricklefs, R.E. (1979). Ecology, 2nd edition. Chap. 37: Community organization.

Wilson, E.O. and E.O. Willis (1975). "Applied Biogeography" in: Cody, M.L. and J.M. Diamond (eds.) Ecology and Evolution of Communities, pp. 522-534.

Week 4. Ecological models - matrix and dynamic methods.

Horn, H.S. (1976). "Succession" in: May, R.M. (ed.) Theoretical Ecology, pp. 187-204.

Botkin, D.B., J.F. Janak and J.R. Wallis (1972). Some ecological consequences of a computer model of forest growth. J. Ecol. 60: 849-872.

Addition of
Description Only

CALENDAR INFORMATION:

Department: Geography Course Number: 803

Title: Theories and Recent Developments in Economic Geography

Description: A seminar course which emphasizes the rationale and methods of alternative perspectives underpinning contemporary economic geographical research.

Credit Hours: 3 Vector: 0-3-0 Prerequisite(s) if any: -

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: varies When will the course first be offered: Is always offered
(under 10) in Fall Semesters.
How often will the course be offered: Once a year

JUSTIFICATION:

This is not a new course offering. The only change is the addition of the course description in the graduate calendar.

RESOURCES:

Which Faculty member will normally teach the course: R. Hayter, M. Eliot Hurst, S.T. Wo

What are the budgetary implications of mounting the course: None

Are there sufficient Library resources (append details): Yes

- Appended: a) Outline of the Course
- b) An indication of the competence of the Faculty member to give the course.
- c) Library resources - None

Approved: Departmental Graduate Studies Committee: [Signature] Date: Dec 8/80

Faculty Graduate Studies Committee: [Signature] Date: Dec 8/80

Faculty: RC Brown Date: Dec 9/80

Senate Graduate Studies Committee: [Signature] Date: 27 Jan 81

Senate: _____ Date: _____

Section I

Seminar Topics

1. Critiques of Neoclassical Models of Industrial Location
Hagerstrand (1970); McNee (1971); Massey (1979); see also Harvey (1968).
2. "Geography of Enterprise" Perspectives
Krumme (1969); McNee (1974 in Hamilton, ed.); Hakanson (1979 in Hamilton and Linge); Fredriksson and Lindmark (1979 in Hamilton and Linge); see also Dickin (1971); Kapp (1976) and Dickin (1977a).
3. The Interregional Corporation and Community Stability
Krumme (1977, 1979); Krumme and Hayter (1975 in Collins and Walker); Bradbury (1979).
4. Branch Plants and Community Truncation
Firn (1975); Dickin (1977); Britton and Gilmour (1977); Safarian (1979); Britton (1976).

References

Texts

- J.N.H. Britton and J. Gilmour: The Weakest Link, Ottawa: Science Council of Canada, 1978.
- F.E.I. Hamilton (ed.), Spatial Perspectives on Industrial Organization and Decision-making, Toronto: John Wiley, 1974.
- F.E.I. Hamilton and G.J.R. Linge (eds.), Spatial Analysis, Industry and the Industrial Environment, Volume 1 - Industrial Systems, Toronto: Wiley, 1979.
- L. Collins and D.F. Walker (eds.), Locational Dynamics of Manufacturing Activity, Toronto: John Wiley, 1975.

Articles:

- J. Bradbury, "Towards an Alternative Theory of Resource-Based Town Development in Canada", Economic Geography, 55, 1979, 147-166.

Articles (continued)

- J.N.H. Britton, "The Influence of Corporate Organization and Ownership on the Linkages of Industrial Plants: A Canadian Inquiry," Economic Geography, 52(4), 1976, pp. 311-
- P. Dickin, "Some Aspects of the Decision Making Behaviour of Business Organizations," Economic Geography, 47, 1971, 426-37.
- P. Dickin, "A Note on Location Theory and the Large Business Enterprise," Area 9(2), 1977, 138-43.
- P. Dickin, "The Multiplant Business Enterprise and Geographical Space: Some Issues in the Study of External Control and Regional Development," Reg. Studies, 10, 1977, 401-12.
- J.R. Firn, "External Control and Regional Development: The Case of Scotland", Environment and Planning, V. 7, 1975, 393-414.
- C.G. Fredricksson and L.G. Lindmark, "From Firms to Systems of Firms: A Study of Interregional Dependence in a Dynamic Society", in Hamilton and Linge.
- T. Hagerstrand, "What About People in Regional Science", Papers and Proceedings, Regional Science Association, 1970, v. , 7-24.
- L. Hakanson, "Towards a Theory of Location and Corporate Growth" in Hamilton and Linge.
- K.W. Kapp, "The Nature and Significance of Institutional Economics," Kyklos, 29, 1976, 209-32.
- G. Krumme, "Toward a Geography of Enterprise", Economic Geography, V. 45, 1969, 30-40.
- G. Krumme, "Corporate Linkages, Local Employment and Uncertainty: A Framework for Analysis", Tijdschrift voor Econ. en Soc. Geografie, 68, 1977, 183-87.
- G. Krumme, "Procrastination and Overseas Location: The Evolution of Volkswagen's North American Production Plans," University of Washington, 1979.
- G. Krumme and R. Hayter, "Implications of Corporate Strategies and Product Cycle Adjustments for Regional Employment Changes", in Collins & Walker.

- R.B. McNee, "Regional Planning, Bureaucracy and Geography", Economic Geography, 46, 1970, 190-8.
- R.B. McNee, "A Systems Approach to Understanding the Geographic Behaviour of Organizations, Especially Large Corporations", in Hamilton (ed.).
- D. Massey, "A Critical Evaluation of Industrial-Location Theory", in Hamilton and Linge.
- A.E. Safarian, "Foreign Ownership and Industrial Behaviour: A Comment on the Weakest Link", Canadian Public Policy, v. 3, 1979, pp. 318-335.

Notes

1. We need to meet in the first week of classes to arrange a suitable time.
2. Evaluation will be based on seminar contribution and an essay.

Addition of
Description onCALENDAR INFORMATION:Department: Geography Course Number: 805Title: Theories and Recent Developments in Cultural GeographyDescription: Student reports and discussions of current journal articles on cultural geography, as well as critical investigation of the work of selected major scholars in the field.Credit Hours: 3 Vector: 0-3-0 Prerequisite(s) if any: -ENROLLMENT AND SCHEDULING:Estimated Enrollment: varies When will the course first be offered: Is always offered
(under 10) Once a year in Fall Semesters
How often will the course be offered: _____JUSTIFICATION:This is not a new course offering. The only change is the
addition of the course description in the graduate calendar.RESOURCES:Which Faculty member will normally teach the course: P.L. Wagner, R.B. Horsfall,
E.M. Gibson None
What are the budgetary implications of mounting the course: _____Are there sufficient Library resources (append details): YesAppended: a) Outline of the Course
b) An indication of the competence of the Faculty member to give the course.
c) Library resources - NoneApproved: Departmental Graduate Studies Committee: J.P. Kishin Date: Dec 8/80Faculty Graduate Studies Committee: A. C. Stalham Date: Dec 8/80Faculty: RC Brown Date: Dec 9/80Senate Graduate Studies Committee: Bob Brown Date: 27 Jan 81

Senate: _____ Date: _____

Course Outline

Geography. 805

L.J. Evenden
P.M. Koroscil
P.L. Wagner

This is a preliminary note. Phil Wagner, who is to chair this course, has been in Guatemala for some weeks and will not return until after Christmas. As this combination of faculty has not before offered this course, it is not possible to suggest the entire nature of the course until Phil's return.

There is, however, one activity which, subject to Phil Wagner's concurrence, we should like to include as part of the course. That is attendance at the 12th Annual Western Canadian Studies Conference to be sponsored by the History Department of the University of Calgary. The programme is attached. Many of the topics have potential for integration with cultural geographic themes and, depending upon how the course eventually is set out, such integration could well form a focus for assignments. The Conference has in the past formed part of the course. Travel on those occasions was by Department van, but arrangements on this have not yet been made.

Please consider these remarks to be tentative and a firmer outline will be forthcoming when feasible. We have written to the conference organizers indicating the possibility of our attendance as a group.