

MEMORANDUM

To *Members of Senate*From *Office of the Dean of Graduate Studies*Subject *Graduate Curriculum Changes - Master
of Natural Resource Program*Date *June 17, 1980*

MOTION: That Senate approve and recommend approval to the Board, as set forth in S.80-100 the revision of title and course description for MRM 601, 602, 611 and 612.

MOTION: That Senate approve and recommend approval to the Board, as set forth in S.80-100 the new Graduate Course, MRM 651 - Project Evaluation.

These changes were approved by the Executive Committee, Senate Graduate Studies Committee, at its meeting on June 16, 1980.

*Bryan P. Beirne
Dean of Graduate Studies*

*mm/
attachs.*

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Miss M. McGinn	From..... Dr. Thomas W. Calvert, Dean
..... Assistant Registrar for Graduate Studies Faculty of Interdisciplinary Studies
Subject..... Curriculum Changes in MRM	Date..... 4 June 1980

At its meeting on Monday, June 2, the Faculty of Interdisciplinary Studies Graduate Studies Committee approved the following items related to the Master of Natural Resources Management Program:

1. Revision of title and course description for MRM 601, 602, 611 and 612.
2. New course proposal for MRM 651 - Project Evaluation.

Details of the changes are attached. Please place these items on the agenda of the Senate Graduate Studies Committee.


Thomas W. Calvert, Dean

TWC:jk

cc: J.C. Day
B. Beirne

Attachment

RECEIVED

JUN 5 1980

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DEAN'S OFFICE
MAIL DESK

SIMON FRASER UNIVERSITY

MEMORANDUM

Tom Calvert, Dean
.....
Faculty Interdisciplinary Studies
.....
Subject: MRM Course Revisions
New Course Proposal

From: Chad Day, Director
.....
MRM Program
.....
Date: 3 June 1980

Enclosed are the revised course descriptions for MRM 601, 602, 611 and 612 and the new course description for MRM 651 which were approved by the FIDS Graduate Committee yesterday.

Chad /rw
Chad Day

JCD:rw
cc: Edith Thimsen

SIMON FRASER UNIVERSITY

MEMORANDUM

MRM Executive Committee

From J.C. Day, Director

MRM Program

Subject MRM Course Revisions

Date 6 May 1980

The titles and brief calendar descriptions of MRM 601 and MRM 602 should be changed in light of the experience during the first year of classes.

A. MRM 601

1. Title

Delete old title: Natural Resources Management Seminar I
Add new title: Natural Resources Management I: Theory and Practice

2. Course Description in Calendar

Delete old description: The study of disciplinary and interdisciplinary approaches to natural resources planning with an emphasis upon critically evaluating models and criteria of assessment.

Add new description: Disciplinary and interdisciplinary theory and principles for natural resources analysis and planning.

B. MRM 602

1. Title

Delete old title: Natural Resources Management Seminar II
Add new title: Natural Resources Management II: Advanced Seminar

2. Course Description in Calendar

Delete old description: Advanced discussion of research and planning methodologies with review and evaluation of student research in progress.

Add new description: A review of selected policies, programs, and problems related to natural resources management; review and evaluation of student research.

Chad Day

Chad Day

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... MRM Executive Committee.....
From..... Randall M. Peterman, Asst. Professor.....
..... MRM Program.....
Subject..... MRM Course Changes.....
Date..... 1 May 1980.....

The titles and brief calendar descriptions of MRM 611 and MRM 612 should be changed to more adequately reflect course content.

A. MRM 611

1. Title

Delete old Title: Resources Biology I

Add New Title: Population and Community Ecology

2. Course Description in Calendar

Delete old Description:

A review of population, community and ecosystem ecology; planning, conducting and reporting of ecological surveys.

Add new Description:

A review of population, community and ecosystem ecology; implications of these areas for methods of resource management and environmental assessment.

B. MRM 612

1. Title

Delete old Title: Resources Biology II

Add new Title: Management Models of Biological Resources

2. Course Description in Calendar

Delete old Description:

Concepts of biological resources and resource management models. Examines some of the "classic" cases of mismanagement.

Add new Description:

Methods of constructing simulation models and their uses in resource management and decision making. Case studies of environmental modelling with emphasis on biological resources.

Randall

Randall M. Peterman

SINON FRASER UNIVERSITY
New Graduate Course Proposal Form

GENERAL INFORMATION:

Department: Master of Natural Resources Management Course Number: MRM 651
Title: Project Evaluation
Description: The course will examine the role, limitations and methods of benefit cost analysis. Different measurement techniques will be applied to the estimation of a range of benefits and costs. Market and non-market allocations will be considered.
Credit Hours: 3 Vector: 2-2-0 Prerequisite(s) if any: ECON 200

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: 10-20 When will the course first be offered: 81-3
How often will the course be offered: Once a year.

JUSTIFICATION:

Benefit cost analysis is a basic and widely used tool of applied economics. The course will provide familiarity with the advantages and limitations of various estimation methods and will give practice in their application. Currently some topics related to benefit cost analysis are covered in Econ. 362 (Economics of Natural Resources). Introduction of this course will allow more time to be devoted to other resources issues.

RESOURCES:

Which Faculty member will normally teach the course: Dr. Jack L. Knetsch
What are the budgetary implications of mounting the course: 1/4 of Jack Knetsch's time has been requested.

Are there sufficient library resources (append details): _____

Appended: a) Outline of the Course
b) An indication of the competence of the Faculty member to give the course.
c) Library resources

Approved: Departmental Graduate Studies Committee: J. Day Date: 2 June 1980
Faculty Graduate Studies Committee: _____ Date: _____
Faculty: _____ Date: _____
Senate Graduate Studies Committee: _____ Date: _____
Senate: _____ Date: _____

COURSE OUTLINE

Text: E.J. Mishan, Cost Benefit Analysis, 2nd ed. 1975.

Topics:

Role and uses of benefit-cost analysis
Accounting stance
Rents and consumer's surplus measures
Market priced benefits and costs
Imputed benefit measures: irrigation project
Indirect measures: capitalized values
Non-market benefits
Treatment of externalities - pecuniary & technological
Discounting
Criteria
Projections
Efficiency and distributional goals

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Marian McGinn, Asst. to Registrar

From..... Rhonda Whitwell, Secretary

..... Graduate Studies

..... MRM Program

Subject..... MRM Course Revisions
..... MRM New Course Proposal

Date..... 25 June 1980

Library resources regarding MRM Course Revisions and New Course Proposal is as follows.

Course Revisions

MRM 601

MRM 602

MRM 611

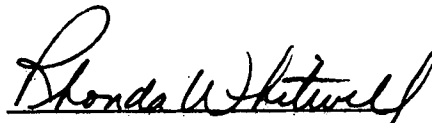
MRM 612

The revisions to these courses will not require any additional resources from the Library.

New Course Proposal

MRM 651

The attached information was received from the Library today.



Rhonda Whitwell

/rw

Attachment

Date: 25 June 1980

SFU LIBRARY COLLECTION EVALUATION

(To be completed only for new course or program proposals.)

1. Course No. and Name or Program: MRM 651
Date to be offered: Fall '81

2. Resources currently in collection:
Bibliography
Reading lists. No. and % of titles available: 80 %

Related materials in general collection:

Monographs:

Serials Subscriptions: 50

Backfiles: 25

Other:

3. Recommended additions to collection:
(Indicate approx. no. of titles, vols.,
date, as appropriate)

Monographs: normal purchase

New serials subscriptions; not necessary

Serials backfiles: not necessary

Other (specify):

ESTIMATED COST

Total

4. Comments:

Library resources are sufficient to support this course with
normal expenditure during the year. Further documentation is
available from the subject librarian.

Mary Roberts
For Library

For Faculty Department