

SIMON FRASER UNIVERSITY

S.79-77

MEMORANDUM

To..... SENATE

From..... SENATE GRADUATE STUDIES COMMITTEE

Subject..... CURRICULUM CHANGES, DEPARTMENT OF
ECONOMICS & COMMERCE

Date..... JUNE 18, 1979

MOTION: "That Senate approve, and recommend approval to the Board of Governors, as set forth in S.79-77, the curriculum changes as outlined by the Department of Economics and Commerce."

SIMON FRASER UNIVERSITY

MEMORANDUM

To. Senate

From Office of the Dean of Graduate Studies

Subject Curriculum Changes, Department of
Economics & Commerce

Date June 18, 1979

MOTION: That Senate approve the curriculum changes as outlined
by the Department of Economics and Commerce.

These changes were approved by the Senate Graduate Studies Committee on
May 14, 1979.

Jon Wheatley
Dean of Graduate Studies

mm/
attach.

SIMON FRASER UNIVERSITY

GS.79.1

MEMORANDUM

To Ms. M. McGinn, Asst. Registrar
Graduate Studies
Subject Curriculum Changes - Economics and
Commerce

From W.L. Cleveland, Chairman
Faculty of Arts Graduate Studies Committee
Date February 22, 1979

The Faculty of Arts Graduate Studies Committee at its meeting of February 22, 1979 approved the curriculum changes submitted by the Department of Economics and Commerce including 4 new course proposals; ECON 819-4, ECON 820-4, ECON 871-4 and ECON 872-4.

Would you please put the attached submission on the agenda of the next Senate Graduate Studies Committee.

Thank you.



W.L. Cleveland

Attachment:

cc. H.M. Evans

These calendar changes were approved by the Executive Committee, Senate Graduate Studies Committee on March 5, 1979

Secretary's Note: The new course proposals for Econ 819-4, 820-4, 871-4 and 872-4 were approved at the May meeting of Senate.

CURRICULUM CHANGES

GRADUATE PROGRAM

1979-1980

p. 50 DEGREE REQUIREMENTS

Change of Degree Requirements

From: "The M.A. Program allows three options:

- a) The Thesis option: Five graduate course and an original thesis;
 - b) The Extended Essay Option: Eight graduate courses and two extended essays;
 - c) The Project Option: Nine graduate courses and a research project.
- Normally, every M.A. Program will include the following:

1. Core Coursework (12 credits)

Students must satisfy the Department that they have achieved a satisfactory level of competence in microeconomic theory, quantitative methods and mathematical economics. Except where students have successfully undertaken equivalent work at the undergraduate level or in graduate work at another university, the requirements regarding microeconomic and macroeconomic theory will be met by completing one of the graduate courses ECON 800-4 or 801-4, and one of ECON 805-4 or 806-4, the requirement regarding quantitative methods will be met by completing the graduate course ECON 835-4 and the requirement regarding mathematical economics will be met by completing the undergraduate course ECON 331-5 (no graduate credit). Since the latter course is a pre-requisite to all required graduate courses, incoming graduate students normally are required to enrol in it in their first term, or to pass a preannounced screening examination on the material covered in it. (Information on the material currently covered in this course/exam may be obtained directly from the Department).

2. Area Coursework

A minimum of eight (Thesis Option), twenty (Extended Essay Option), or twenty-four (Project Option) additional credits of approved graduate course-work in the student's area(s) of interest.

- 3. Evidence of Research and Writing Ability met by satisfactory completion of one thesis, two extended essays or one research project. The form of these research papers must meet the standards set out in the General Regulations Section.
- 4. An Oral Examination covering the student's written research, in particular, and program, in general, as outlined in the General Regulations Section."

To: " The M.A. Program allows three options:

- a) The Thesis Option: Five graduate courses and an original thesis;
- b) The Extended Essay Option: *Seven* graduate courses and two extended essays;

- c) The Project Option: Nine graduate courses and a research project.

Normally, every M.A. Program will include the following:

1. Core Coursework (12 credits)

Students must satisfy the Department that they have achieved a satisfactory level of competence in microeconomic theory, macroeconomic theory, quantitative methods and mathematical economics. Except where students have successfully undertaken equivalent work at the undergraduate level or in graduate work at another university, the requirements regarding microeconomic and macroeconomic theory will be met by completing one of the graduate courses ECON 800-4 or 801-4, and one of the ECON 805-4 or 806-4, the requirement regarding quantitative methods will be met by completing the graduate course ECON 835-4 and the requirement regarding mathematical economics will be met by completing the undergraduate course ECON 331-5 (no graduate credit). Since the latter course is a prerequisite to all required graduate courses, incoming graduate students normally are required to enrol in it in their first term, or to pass a preannounced screening examination on the material covered in it. (Information on the material currently covered in this course/exam may be obtained directly from the Department.)

2. Area Coursework

A minimum of eight (Thesis Option), *Sixteen* (Extended Essay Option), or twenty-four (Project Option) additional credits of approved graduate coursework in the student's area(s) of interest.

3. Evidence of Research and Writing Ability met by satisfactory completion of one thesis, two extended essays or one research project. The form of these research papers must meet the standards set out in the General Regulations Section.
4. An Oral Examination covering the student's written research, in particular, and program, in general, as outlined in the General Regulations Section.

5. **Economics 900 research workshop is a required course for all students who are on campus and registering in Econ 898 (thesis)**

RATIONALE: In the Fall of 1977 the department voted to change the course requirement for the M.A. essay option from 8 to 7 courses. In 1976 this requirement was changed from 6 to 8 courses and is listed in the Calendar as such. However, the further change of 8 to 7 courses has not gone through Senate and therefore is not included in the Calendar. The department is now requesting to include this change in the next Calendar and the requirement should also be applied to students who are currently enrolled.

The intention of the department was that Economics 900 would be required of all students. However, this was omitted in the requirements, and its inclusion under the course description of ECON 900 is easily missed.

From: "The Ph.D. program allows specialization in economics, economics and commerce, or economics and a related field. Normally, every Ph.D. program will include the following:

1. Successful performance in approved courses amounting to a total of at least thirty semester hour credits beyond the requirements listed above for the M.A. in economics. Students specializing in Economics must include ECON 801-4 and ECON 806-4 as part of this coursework. These courses will not be required for students specializing in Economics and Commerce but may be required for students specializing in Economics and a related field depending on the relationship of that field to theoretical economics and the judgement of the student's Committee.

Other courses may be drawn from those normally offered at the graduate level by this or other related departments. Normally, a student must take at least 20 credits of regularly scheduled coursework within this Department; exceptions to this rule must be approved by the student's Supervisory Committee and the Graduate Studies Committee.

2. Successful performance in written qualifying examinations. Students specializing in Economics must write qualifying examinations in economic theory and one other major field in Economics. In addition, students specializing in Economics must complete a minor field either by successfully taking two courses (other than Readings courses) or a qualifying examination in the minor field. The economic theory qualifying examination will consist of separate examinations in micro- and macroeconomic theory and will usually encompass the topics and readings covered by ECON 800, ECON 801, ECON 805, ECON 806 and the "Departmental Economic Theory Reading Guidelines". Qualifying examinations in other fields normally encompass the topics and readings presented in the main courses in those fields and the appropriate "Departmental Field Reading Guidelines". The fields in Economics in which courses and qualifying examinations normally are given are economic theory, econometrics, international economics, public economics, monetary economics, economic history, development economics, regional economics, resource economics and labor economics.

Students specializing in Economics and Commerce must write qualifying examinations in economic analysis and two other fields drawn from the following:

accounting, finance, management science, marketing and organization behaviour. At present regular graduate level coursework is offered for only the marketing and finance fields and such coursework should be taken as preparation for qualifying examinations in those fields. Preparation

for other commerce fields should be on the basis of directed study and special coursework. The qualifying examination in economic analysis normally will cover the topics and readings in ECON 800, ECON 805 and ECON 835.

Arrangements for students specializing in Economics and a related field will be recommended by the student's Supervisory Committee and approved by the Department's Graduate Studies Committee.

Qualifying examinations usually will be taken after completion of appropriate course work and/or other preparation, but a student may sit for an examination after the first semester following formal admission to the Ph.D. program. This may be done whether or not specific courses recommended by the department as partial preparation for the examination have been taken.

3. An original and significant thesis completed by the candidate under supervision of faculty members of the Department."

To: "The Ph.D. program allows specialization in economics, economics and commerce, or economics and a related field. Normally, every Ph.D. program will include the following:

1. Successful performance in approved courses amounting to a total of at least thirty semesterhour credits beyond the requirements listed above for the M.A. in economics. Students specializing in Economics must include ECON 801-4 and ECON 806-4 as part of this coursework. These courses will not be required for students specializing in Economics and Commerce but may be required for students specializing in Economics and a related field depending on the relationship of that field to theoretical economics and the judgment of the student's Supervisory Committee.

Other courses may be drawn from those normally offered at the graduate level by this or other related departments. Normally, a student must take at least 20 credits of regularly scheduled coursework within this Department; exceptions to this rule must be approved by the student's Supervisory Committee and the Graduate Studies Committee.

2. Successful performance in written qualifying examinations. Students specializing in Economics must write qualifying examinations in economic theory and one other major field in Economics. In addition, students specializing in Economics must complete a minor field either by successfully taking two courses (other than Readings courses) or a qualifying examination in the minor field. The economic theory qualifying examination will consist of separate examinations in micro- and macroeconomic theory and will usually encompass the topics and readings covered by ECON 800, ECON 801, ECON 805, ECON 806 and

the "Departmental Economic Theory Reading Guidelines". Qualifying examinations in other fields normally encompass the topics and readings presented in the main courses in those fields and the appropriate "Departmental Field Reading Guidelines." The fields in Economics in which courses and qualifying examinations normally are given are economic theory, econometrics, international economics, public economics, monetary economics, economic history, development economics, regional economics, resource economics and labour economics.

Students specializing in Economics and Commerce must write qualifying examinations in economic analysis and two other fields drawn from the following: accounting, finance, management science, marketing and organization behaviour. At present regular graduate level coursework is offered for only the *accounting, finance, marketing and management science fields* and such coursework should be taken as preparation for qualifying examinations in those fields. Preparation for other commerce fields should be on the basis of directed study and special coursework. The qualifying examination in economic and analysis normally will cover the topics and readings in ECON 800, ECON 805 and ECON 835.

Arrangements for students specializing in Economics and a related field will be recommended by the student's Supervisory Committee and approved by the Department's Graduate Studies Committee.

Qualifying examinations usually will be taken after completion of appropriate course work and/or other preparation, but a student may sit for an examination after the first semester following formal admission to the Ph.D. program. This may be done whether or not specific courses recommended by the department as partial preparation for the examination have been taken.

3. An original and significant thesis completed by the candidate under supervision of faculty members of the Department.
4. Economics 900 research workshop is a required course for all students who are on campus and registering Econ 899 (thesis)

RATIONALE:

For rationale please see page 2.

p. 54 NEW COURSE

ECON 819-4 Mathematical Programming for Economics and Commerce

Topics include dynamic programming, linear and non-linear programming, stochastic programming, optimization techniques; game theory.

Offered once a year.

NEW COURSE

ECON 820-4 Analysis of Dynamic Processes

To analyze the operation of dynamic (time-varying) economic/business systems with emphasis on model formulation and optimization procedures.

Offered once a year.

p. 57 NEW COURSE

ECON 871-4 Seminar in Financial Accounting

An in-depth analysis of current literature in financial accounting theory and practice. Emphasis will be placed on recent empirical research.

Offered once a year.

NEW COURSE

ECON 872-4 Seminar in Managerial Accounting

An integrative course intended to develop an appreciation of the interrelationship of managerial accounting and analytical, behavioural, and technological considerations in analysis and design of control systems. Emphasis will be placed on empirical research.

Offered once a year.

p. 58 ECON 897

Change in Title

From: "Readings in Economics"

Supervised reading in a particular field of specialization.

Offered by arrangement."

To: "*Directed Readings*"

Supervised reading in a particular field of specialization.

Offered by arrangement."

RATIONALE: The department is now offering graduate courses in Commerce, therefore, change in title for this course would give more flexibility.

CHANGES IN WHEN ECONOMICS COURSES OFFERED

ECON. 800-4 (800-6)

FROM: Offered during Spring and
Summer Semesters.

TO: Offered twice a year.

ECON. 801-4

FROM: Offered during Summer
Semester.

TO: Offered once a year.

ECON. 805-4

FROM: Offered during Fall and
Summer Semesters.

TO: Offered twice a year.

ECON. 806-4

FROM: Offered during Spring
Semester.

TO: Offered once a year.

ECON. 835-4

FROM: Offered during Fall and
Spring Semesters.

TO: Offered twice a year.