

SCC#00-01-111

CURRICULUM PROPOSAL FORM 1999-2000
NON-GENERAL EDUCATION PROCESS A

*DEADLINES: Deadline dates for 2000/2001 submissions: Regular proposals: October 20, 2000 to be implemented in Fall 2001; Short-Term proposals: December 8, 2000 to be implemented in Fall, 2000; Regular proposals February 16, 2001 to be implemented in Spring, 2002; March 23, 2001 for short-term courses to be implemented in Spring 2002.

PROPOSAL TITLE: Remove Quantitative Methods for Business as Foundation Course for Pre-MBA. Add Calculus Techniques and applications and Statistics I as Foundation Course for Pre-MBA

SPONSOR(S): Joel Rudin Ph.D.

DEPARTMENT: Management /MIS

COLLEGE: College of Business

IF LAS CHECK ONE: History/Humanities Math/Sciences Social/Behavioral Sciences

Check one: Undergraduate Graduate

THE ATTACHED NON-GEN-ED PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

New non-gen-ed course

Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:

existing non-gen-ed course

non-gen-ed degree requirements

major

minor, specialization, concentration, track, certificate program

DEPARTMENT

(Signature indicates approval)

Dept. Curriculum Chair / Date 10/11/00

Dept. Chairperson / Date 10/11/00

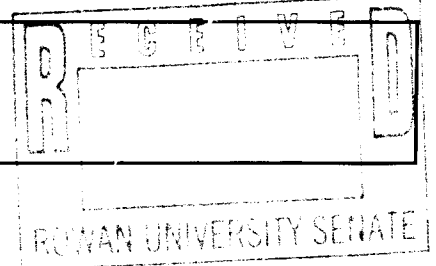
ACADEMIC DEAN

Approved

Not Approved

Comments: Dean's

Signature/Date Joel Rudin



COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) _____ Approved Not Approved _____

Comments:

Signature of College Chair/Date: Ruthie White - 1/23/01

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed 1-27/01

Comments:

Letter from Dept. Review re. course creditability received

Curriculum Chair Signature [Signature] Date Announced At Senate 1-23-01

EXECUTIVE VICE PRESIDENT/PROVOST

Approved Not Approved _____ If no, reasons are as follows:

Student Credit Hours _____ Faculty Load Hours _____ Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date): _____ Executive VP/Provost Signature/Date [Signature] 2/15/01

REGISTRAR

Date Approved Course Description Received _____ Hegis Taxonomy & Course Number Assigned _____

Registrar Signature/Date [Signature] 2/7/01

NOTIFICATION FORWARD

_____ Senate Curriculum Committee Chairperson

_____ Academic Dean(s)

_____ Department Chairpersons

_____ Registrar

_____ Sponsor(s)

Minor Curricular Change

Change in MBA Foundation Course

1. Details

- a. Change Requested:

Remove Quantitative Methods for Business (1701.240) as a Foundation Course or Pre-MBA Course. **Add** Statistics I (1702.260) and Calculus Techniques and Applications (1703.125) as a Foundation Course or Pre-MBA Course.

- b. Sponsors: Joel Rudin, Management/MIS

2. Rationale:

- a. Statements of Need:

In the fall of 1998, the Mathematics Department offered one section of a 4-credit course called *Quantitative Methods for Business*. The course was designed to provide a refresher of ideas from calculus and statistics for incoming MBA students with less than adequate preparation in these fields. The course was not a success because the students needed so much review of the ideas from Pre-Calculus and Calculus, that there was little time to do an adequate job with statistical topics.

After consultation with the instructor of the course and the MBA Program Director, it was decided that *Statistics I* and *Calculus: Techniques and Applications* would include more intensive work for the Pre-MBA students to better prepare them for the MBA Program. In any case, it was decided that the Quantitative Methods for Business course did not work and that the students would be better served taking both undergraduate course

- b. Statements of Curricular Effect:

Removing Quantitative Methods for Business and replacing it with Statistics I and Calculus Techniques and Applications as a Foundation Course or Pre-MBA course will increase the number of Foundation or Pre-MBA courses taken by one course or 3 credits (see attached).

3. Results of Consultation:

a. Parties Consulted

A Consultation letter has been received by the Chairperson of the Mathematics Department. Consultation letters have been requested by the Chairs of the Accounting/Finance, Management /MIS and Marketing Department.

Relocation of Courses - N/A

New Program/Major Approval Format - N/A

Certification Program Format - N/A


Format for Creation/Dissolution of a Department or School - N/A



Mathematics Department

MEMO

TO: Dilip Mirchandani, Program Director
Master of Business Administration

FROM: Ron Czochor, Chair
Mathematics Dept 

DATE: August 9, 2000

RE: Quantitative Methods for Business

In the fall of 1998, the Mathematics Department offered one section of a 4 credit course called *Quantitative Methods for Business*. The course was designed to provide a refresher of ideas from calculus and statistics for incoming MBA students with less than adequate preparation in these fields. The course was not a success because the students needed so much review of the ideas from Precalculus and Calculus, that there was little time to do an adequate job with the statistical topics.

After consultation with the instructor of the course and members of the MBA program, we decided we would try to offer a section of *Statistics I* in the evening for any pre-MBA students to take. We also decided to try to construct a specialized section of *Calculus: Techniques and Applications* that would include more intensive work for the pre-MBA students to better prepare them for their MBA studies. As yet, we have not constructed the extra modules that would be provided to the pre-MBAs to supplement the course.

In any case, we decided that the Quantitative Methods for Business course did not work and that the students would be better served taking both undergraduate courses.

Pre-MBA Program Proposed Curriculum Change

Foundation - under previous curriculum

1. Foundations of Accounting
(equivalent to Accounting I & II)
2. Principles of Economics: Global Perspectives
(equivalent to Microeconomics & Macroeconomics)
3. Principles of Finance
4. Principles of Marketing
5. Principles of Management
6. Quantitative Methods for Business

Total = Foundations in six areas

Foundation - after proposed changes

1. Foundations of Accounting
(equivalent to Accounting I & II)
2. Principles of Economics: Global Perspectives
(equivalent to Microeconomics & Macroeconomics)
3. Principles of Finance
4. Principles of Marketing
5. Operations Management
6. Statistics I
7. Calculus T&A (Techniques and Application)

Total = Foundations in seven areas