

CURRICULUM PROPOSAL FORM 2000-2001

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, 2001; Regular proposals February 16, 2001 to be implemented in Spring, 2002; March 23, 2000 for short-term courses to be implemented in Spring 2002.

PROPOSAL TITLE: Application of 1703.411 Deterministic Models in Iteration Research and 1703.412 Stochastic Models in Iteration Research as Restricted Lectures for the BA and BS in Math.

SPONSOR(S): DR. CHRIS LACKE

DEPARTMENT: MATHEMATICS

COLLEGE:

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

RECEIVED BY:
FEB 21 2002
COLLEGE OF LIBERAL ARTS & SCIENCES

DEPARTMENT
(Signature indicates approval)

[Signature] 02/13/02

Dept. Curriculum Chair / Date

[Signature] 2/13/02

Dept. Chairperson / Date

ADEMIC DEAN

Approved Not Approved Comments:

Dean's Signature/Date [Signature] 2/24/02

COLLEGE CURRICULUM COMMITTEE

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

Comments:

Signature of College Chair/Date: [Signature] 5-14-02

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed _____

Comments:

Curriculum Chair Signature [Signature] Date Announced At Senate 5/15/02

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 _____

REGISTRAR

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

Registrar Signature/Date [Signature]

NOTIFICATION FORWARD

Senate Curriculum Committee Chairperson

Academic Dean(s)

Department Chairpersons

Registrar

CAP
FRP
rev 7/23/02
Sponsor(s)

Rowan University
Department of Mathematics

Minor Curricular Change

I. Details

a) **Change Requested:**

Addition of 1703.411 Deterministic Models in Operations Research and 1703.412 Stochastic Models in Operations Research as restricted electives for the Bachelor of Arts and Bachelor of Science degrees in Mathematics.

b) **Sponsor:** Dr. Chris Lacke, Department of Mathematics

II. Rationale

The sponsor was hired, in part, to develop courses in Operations Research for addition to the undergraduate major. Operations Research is an area of applied mathematics that would greatly benefit our majors who are interested in mathematical modeling, industrial careers, actuarial work, or graduate school. The addition of these courses would allow our students to learn about this area of mathematics. Since the courses are not required for the major, the proposed change will only affect those who wish to take courses in Operations Research as electives in the major.

III. Consultation

This change does not affect any departments other than the Mathematics Department.