UL 8622 05F

CBM003 ADD/CHANGE FORM

☒ Undergraduate Council	or	☐ Graduate/Professional Studies Council
☒ New Course ☐ Course Change		☐ New Course ☐ Course Change
Core Category: ____ Effective Fall 2006		Effective Fall __

RECEIVED OCT 13 2005

APPROVED NOV 16 2005

1. Department: MATH College: NSM
2. Person Submitting Form: David Bao Telephone: (713)743-3484
3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     MATH / 4320 / Introduction to Stochastic Processes
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     MATH / 4320 / INTRO TO STOCHASTIC PROCESSES
   - SCH: 3.00 Level: SR CIP Code: 2701010001 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: **Successfully taught as a selected topics course**
5. Was the proposed/revised course previously offered as a special topics course? ☒ Yes ☐ No
   If Yes, please complete:
   - Instructional Area / Course Number / Long Course Title:
     MATH / 4397 / Introduction to Stochastic Processes
   - Content ID: 295536 Start Date (yyyy3): 20051
6. Is this course offered for undergraduate credit only? ☐ Yes ☒ No
7. Authorized Degree Program(s): B.A., B.S. in Mathematics
   - Does this course affect major/minor requirements in the College/Department? ☐ Yes ☒ No
   - Does this course affect major/minor requirements in other Colleges/Departments? ☐ Yes ☒ No
   - Are special fees attached to this course? ☒ Yes ☐ No
   - Can the course be repeated for credit? ☐ Yes ☒ No
8. Grade Option: Letter (A, B, C ...) Instruction Type: lecture
9. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title
   _____ / _____ / _____
   - Start Date (yyyy3): _____ Content I.D.: _____
10. Proposed Catalog Description:
    Cr: 3. (3-0), Prerequisites: MATH 3338. Description (30 words max.): Generating functions, discrete and continuous versions of Poisson and Markov processes, branching and renewal processes, introduction to stochastic calculus and diffusion.
11. Dean's Signature: Ian Evans Date: 10 Oct '05

    Print/Type Name: Ian Evans