CBM003 ADD/CHANGE FORM

1. Department: MATH  College: NSM
2. Person Submitting Form: David Basu  Telephone: (711)7443-7484
3. Course Information on New/Revised course:
   • Instructional Area / Course Number / Long Course Title: MATH / 4380 / A Mathematical Introduction to Options
   • Instructional Area / Course Number / Short Course Title (30 characters max.): MATH / 4380 / MATH/MAJOR INTRO TO OPTIONS
   • CR: 3.00  Level: SR  CIP Code: 27010 (9101)  Lec Hrs: 3  Lab Hrs: 0
4. Justification for adding/changing course: To provide for important discipline area.
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: __________ / __________ / __________
   • Content ID: ______  Start Date (yyyy3): ______
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 ID: ______
10. Proposed Catalog Description:
    CP 4 (3+1). Prerequisites: MATH 2413 and MATH 3338. Description (30 words max.): Arbitrage-free pricing, stock price dynamics, call-put parity, Black-Scholes formula, hedging, pricing of European and American options.
11. Dean's Signature: ____________________________ Date: ____________
    Print/Type Name: Jay Basu