

UC 1067309F

CBM003 ADD/CHANGE FORM

APPROVED FEB 24 2010

Undergraduate Council
 New Course Course Change
 Core Category: _____ Effective Fall 2010

or

Graduate/Professional Studies Council
 New Course Course Change
 Effective Fall _____

RECEIVED OCT 16 2009

MB

1. Department: MATHEMATICS College: NSM
2. Faculty Contact Person: Charles Peters Telephone: 743-3516 Email: charles@math.uh.edu
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
MATH / 4309 / Mathematical Biology
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
MATH / 4309 / MATHEMATICAL BIOLOGY
 - SCH: 3.00 Level: SR CIP Code: 2703011002 Lect 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:
____ / ____ / _____
 - Course ID: _____ Effective Date (currently active row): _____
6. Authorized Degree Program(s): B.S. Mathematical Biology
 - 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
 - Can the course be repeated for credit? Yes No (if yes, include in course description)
7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
8. 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
 ____ / ____ / _____
 - Course ID: _____ Effective Date (currently active row): _____
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
 Cr: 3. (3-0). Prerequisites: MATH 3331 and BIOL 3306 or consent of instructor. Description (30 words max.): Topics in mathematical biology, epidemiology, population models, models of genetics and evolution, network theory, pattern formation, and neuroscience. Students may not receive credit for both MATH 4309 and BIOL 4309.

10. Dean's Signature: _____ Date: 13 Oct '09

Print/Type Name: Ian Evans