

UC 10648 09F

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: Biology and Biochemistry College: NSM
2. Faculty Contact Person: L. Rapp Telephone: 3-8398 Email: Lrapp@uh.edu
3. Course Information on New/Revised course:
  - Instructional Area / Course Number / Long Course Title:  
BIOL / 4309 / Mathematical Biology
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
BIOL / 4309 / MATHEMATICAL BIOLOGY
  - SCH: 3.00 Level: SR CIP Code: 26.1101.0002 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: \_\_\_\_\_