

Undergraduate Council  
 New Course  Course Change  
 Core Category: NSM Effective Fall 2009

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

RECEIVED OCT 23 2008

1. Department: Computer Science College: NSM
2. Faculty Contact Person: Dr. Carlos Ordonez Telephone: 3-1013 Email: ordonez@cs.uh.edu
3. Course Information on New/Revised course:
  - Instructional Area / Course Number / Long Course Title:  
COSC / 4335 / Data Mining
  - Instructional Area / Course Number / Short Course Title (30 characters max.)  
COSC / 4335 / DATA MINING
  - SCH: 3.00 Level: SR CIP Code: 1108020019 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): BS, Computer Science
  - 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: COSC 3380 and MATH 3336. Description (30 words max.): Data mining overview, data quality, data preprocessing, OLAP and statistics on one variable; techniques: classification, regression, clustering, dimensionality reduction, association rules; scoring, post-processing and data mining case studies.

10. Dean's Signature: [Redacted Signature] Date: 22 Oct '08  
 Print/Type Name: LAW EVANS