CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS  
COURSE MODIFICATION PROPOSAL

Courses must be submitted by November 9, 2007, to make the next catalog production

DATE (CHANGE DATE IF REVISED): 11.13.07 REV 12.19.07  
PROGRAM AREA(S): MS MATH

1. Catalog Description of the Course. [Follow accepted catalog format.]  
(If Cross-listed please submit prefixes for each discipline being modified)

OLD

Prefix MATH Course# 599 Title Graduate Seminar Units (1)  
3 hours lecture per week  
hours blank per week

Prerequisites: Admission to the Computer Science or Mathematics Graduate Program  
Corequisites:  
Description (Do not use any symbols): Oral presentations of current advancements in the field, reports on students' research, master thesis, and projects. Repeatable.

Gen Ed Categories  
CR/NC Repeatable for up to 2 units  
Lab Fee Required Optional Enrollment in same semester  
Hegis Code (Student’s choice)

Graded  
A - F

Lab Fee Required

Multiple Enrollment in same semester

Mission Based Learning Objectives: Interdisciplinary  
International  
Multicultural  
Service Learning  
American Institutions, Title V Section 40404: Government  
US Constitution  
US History (Refer to EO 405, for more information at: http//senate.csuci.edu/comm/curriculum/resources.htm  
Service Learning Course

NEW

Prefix MATH Course# 599 Title Graduate Seminar Units (1)  
1 hours lecture per week  
hours blank per week

Prerequisites: Graduate standing in MS Math or MS Computer Science, or approval of instructor  
Corequisites:  
Description: Oral presentations of current work in mathematics by local and outside speakers; student thesis and project presentations. Repeatable.

Gen Ed Categories  
CR/NC Repeatable for up to 2 units  
Lab Fee Required Optional Enrollment in same semester  
Hegis Code (Student’s choice)

Graded  
A - F

Lab Fee Required

Multiple Enrollment in same semester

2. Mode of instruction (Hours per Unit are set for you)

<table>
<thead>
<tr>
<th>Existing</th>
<th>Proposed</th>
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<tbody>
<tr>
<td>Units</td>
<td>Hour Per Unit</td>
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<tr>
<td>Lecture</td>
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<td>Seminar</td>
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<td>Laboratory</td>
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<td>Activity</td>
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<td>Field Studies</td>
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3. Course Content in Outline Form if Being Changed. [Be as brief as possible, but use as much space as necessary]

OLD

Oral presentations, discussions, and reflections on field-related issues.

NEW

Oral presentations by local faculty and graduate students and outside speakers; presentations of results of MS theses and projects; occasional skills-based workshops (e.g. literature searches, LaTeX)

4. Justification and Learning Objectives for the Course. (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) [Use as much space as necessary]

OLD

NEW
This course is required for the MS in Mathematics degree.

Learning Objectives:
Students will be able to:

a) Make oral presentation of current issues in the field, projects and research results
b) present reports on the projects
c) discuss his/her results
d) demonstrate knowledge of current issues in the related field
e) prepare and conduct presentations on current issues in mathematical sciences using various modes of presentation.

Learning Objectives:
Students will be able to:
a) Read abstracts and/or papers and investigate unknown terms in preparation for seminar attendance or brief (student) presentations.
b) Demonstrate skills in following complex and sometimes technical presentations
c) Discuss current developments in mathematics
d) Reflect exposure to applications of mathematics to other disciplines
e) Formulate and ask relevant questions while listening to a presentation

5. References. [Provide 3-5 references on which this course is based and/or support it.]

OLD

NEW

6. Indicate Changes and Justification for Each. [Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]

- Course title
- Prefix/suffix
- Course number
- Units
- Staffing formula and enrollment limits
- Prerequisites/corequisites
- Catalog description
- Course content
- References
- GE
- Other Learning Objectives

Justification: Prerequisites: include "approval of instructor" to allow other interested students to enroll
Catalog description: mere rewording
Course content: more descriptive
Learning objectives: First-year MS students are the target audience for Graduate Seminar. (Students who are finishing their degrees will present their MS theses/projects in Graduate Seminar.) These learning objectives are reformulated for the intended audience. We will expect that graduate students finishing their degrees will meet several of the "old" learning objectives, but many of these are not appropriate for first-year graduate students.

7. □ General Education Categories:   All courses with GE categories notations (including deletions) must be processed at the GE website:  http://summit.csuci.edu/geapproval  Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.
   A (English Language, Communication, Critical Thinking)
   A-1 Oral Communication
   A-2 English Writing
   A-3 Critical Thinking
   B (Mathematics, Sciences & Technology)
   B-1 Physical Sciences
   B-2 Life Sciences – Biology
   B-3 Mathematics – Mathematics and Applications
   B-4 Computers and Information Technology
   C (Fine Arts, Literature, Languages & Cultures)
   C-1 Art
   C-2 Literature Courses
   C-3a Language
8. New Resources Required. YES ☐ NO ☑
   If YES, list the resources needed and obtain signatures from the appropriate programs/units on the consultation sheet below.
   
   a. Computer (data processing), audio visual, broadcasting needs, other equipment)
   
   b. Library needs
   
   c. Facility/space needs

9. Will this course modification alter any degree, credential, certificate, or minor in your program? YES ☐ NO ☑
   If, YES attach a program modification form for all programs affected.

10. Effective Date (Semester and Year – all modifications submitted prior to November 9th will be effective in the Fall 2008 catalog): Fall ‘08

   Cindy Wyels 11/1/07
   Proposer of Course Modification Date
Approvals
Program/Course:

_________________________________________________________
Program Chair(s)     Date

_________________________________________________________
General Education Chair(s)    Date

_________________________________________________________
Curriculum Committee Chair(s)   Date

_________________________________________________________
Dean of Faculty     Date