New Course Proposal
Program Areas: Math and Computer Science

1. Catalog Description of the Course.

Math 597 MASTER THESIS (1-9)
Three hours lecture per week
Prerequisite: Admission to the Computer Science or Mathematics Graduate Program
Supervised research in mathematical sciences or applications. Required to present research at Graduate Seminar.

2. Mode of Instruction.

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<th>Units</th>
<th>Hours per Unit</th>
<th>Benchmark Enrollment</th>
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<td>Seminar</td>
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<td>Activity</td>
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Justification: Master Thesis or Graduate project are included in requirements of MS in Applied Mathematics degree.

Learning Objectives:

Student will be able to:
  a) perform independent research
  b) write the results in a form of thesis
  c) discuss his/her results
  d) demonstrate knowledge of current issues in the chosen field
  e) prepare and conduct presentations on current issues in mathematical sciences

4. Is this a General Education Course?

No.

5. Course Content in Outline Form.

Topics: independent research and thesis writing.

6. References.

Texts: Depending on topic.

7. Faculty Qualified to Teach This Course.

Qualified Faculty: Mathematics faculty
8. **Frequency.**
   Projected semesters to be offered: Fall X, Spring X

9. **New Resources Required.**
   a. New Equipment needs: Use of existing labs
   b. New Library needs: None
   c. New Space/Facilities needs: None

10. **Consultation.**
    Attach consultation sheet from all program areas, Library, and others (if necessary).

11. **Program Modification.**
    If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

12. **Proposer of Course.**

   Proposer: I. Grzegorczyk            Date: Oct. 31, 03
Approvals

Program Coordinator    Date

GE Committee Chair    Date
(If applicable)

Curriculum Committee Chair    Date

Dean    Date

Effective Semester: _____________________________
California State University Channel Islands
New Course Proposal Consultation Sheet

Course prefix, number, title, and units: ____MATH 597

2. Program Areas: ______ Mathematics

**Recommend Approval**

<table>
<thead>
<tr>
<th>Program Area/Unit</th>
<th>Program/Unit Coordinator</th>
<th>YES</th>
<th>NO (attach objections)</th>
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* If needed