PROPOSAL TO OFFER A MINOR IN FALL 2002

Proposed Name of Minor: Mathematics

Faculty Proposing Minor: Ivona Grzegorczyk, PhD

1. Catalog Description:

Minor in Mathematics (20 units)

Provides non-majors with learning opportunities in mathematics related to basic scientific activities in modern society. The Minor introduces students to mathematical concepts and abstract thinking. First, students in the Program build a basic understanding of modern methods in mathematics and develop problem solving skills. Next, the Program introduces students to contemporary applications of mathematics in various fields.

2. Justification for Proposed Minor (< 100 words):

Many areas of modern life require use of mathematical ideas and problem solving skills, especially in education, high-tech and bio-tech industries. This Minor will assist all students in being more effective participants in their future careers.

3. Total Number of Units in the Minor (including pre-/ co-requisites):

20 UNITS

4. Lower-Division Requirements (including pre-/ co-requisites):

8 Units Required

MATH 150 Calculus I (4)
MATH 151 Calculus II (4)

5. Upper-Division Requirements (including pre-/ co-requisites):

3 Units Required

MATH 300 Discrete Math (3)
5. Lower and Upper-Division Electives (if any):

Select three upper upper-division courses from the Mathematics program approved by the advisor (9).

6. Additional Facilities/ Faculty/ Resources Needed to Offer the Minor (if any):

No other facilities/faculty/resources are needed beyond the CSUCI planned facilities and faculty to offer the B.S. in Mathematics degree.

Review and Approval:

1. Curriculum Committee Approval:
   Curriculum Chair: [Signature] Date: 12/11/01

2. Academic Senate Approval:
   Chair, Academic Senate: [Signature] Date: 12/11/01

3. Administration Approval:
   President (or designee): [Signature] Date: 12/17/01