

## PROPOSAL TO OFFER A MINOR IN FALL 2002

Proposed Name of Minor: Computer Science

Faculty Proposing Minor: Ivona Grzegorzczuk, PhD

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### 1. Catalog Description:

#### Minor in Computer Science (25units)

Provides non-majors with learning opportunities in computer science related to basic computational activities in modern society. The Minor introduces students to programming and designing concepts in computer science. First, students in the Program build a basic understanding of modern computer programming methods and underlying mathematics. Next, the Program introduces students to contemporary applications of computing in various fields.

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

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

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

25 UNITS

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

#### 16 Units Required

MATH 150 Calculus 1 (4)  
MATH 151 Calculus 2 (4)  
COMP 150 Object Oriented Programming (4)  
COMP 151 Data Structures and Program Design (4)

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

#### 3 Units Required

COMP 262 Org. and Architecture or MATH 300 Discrete Math (3)

5. Lower and Upper-Division Electives (if any):

Select two upper upper-division courses from the CS program approved by the advisor (6).

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 Computer Science degree.

**Review and Approval:**

1. **Curriculum Committee Approval:**

Curriculum Chair:



Date:

12/15/01

2. **Academic Senate Approval:**

Chair, Academic Senate:



Date:

12/11/01

3. **Administration Approval:**

President (or designee):



Date:

12/12/01