

Part II. Description of Curriculum Change

1. Catalog Description for Change of the Minor in Computer Science

Minor: 15
Required courses:
CO electives 15 sh(1,2)

- (1) The minor in Computer Science consists of fifteen (15) semester hours of CO electives. At least nine (9) semester hours of the fifteen must be from CO courses numbered higher than 200.
- (2) CO 101 Microbased Computer Literacy is an appropriate entry course for minors or for students who wish to take only one course. See minor adviser for suggestions.

2. Summary of change

a. Current catalog description of the minor

Minor: 15
Required courses
CO electives 15 sh (1)

- (1) No more than six credits may be from courses numbered 205 or lower.
- (2) CO 101 (see minor adviser for suggestions) Microbased Computer Literacy is an appropriate entry course for minors or for students who wish to take only one course.

Proposed catalog description of the minor

Minor: 15
Required courses:
CO electives 15 sh(1,2)

- (1) The minor in Computer Science consists of fifteen (15) semester hours of CO electives. At least nine (9) semester hours of the fifteen must be from CO courses numbered higher than 200.
- (2) CO 101 Microbased Computer Literacy is an appropriate entry course for minors or for students who wish to take only one course. See minor adviser for suggestions.

b. Associated course changes

None.

3. Rationale for Change

The intention of the Computer Science Department in formulating the requirement for the minor has always been to insure that students who elect to minor in Computer Science should complete several middle- or higher-level courses that our majors take and that are appropriate for the student doing the minor. The current wording excludes students from taking more than two lower-level courses (numbered less than or equal to 205). The new wording places no penalty on students who wish to take more than two lower-level courses, as long as they complete at least three middle- or higher-level courses. The new wording permits students, who want more background before taking the middle- or higher-level courses, to take additional lower-level courses.

The new wording makes it possible for secondary education majors (the only students permitted to take CO 205) to count CO 205 among the middle- and higher-level courses. CO 205 was developed specifically for education (particularly Math-Ed) students.

Part III. Implementation.

1. How will the proposed revision affect students already in the existing program?

Students who have started taking courses for the minor prior to the final approval of the new minor (and its publication in the catalog) must meet the requirements of the current minor. Students who start taking courses for the minor after the publication will be under the requirements of the new minor.

2. How will the proposed revision affect faculty teaching loads?

The affect on teaching loads should be negligible.

3. Are other resources adequate?

Yes.

4. Do you expect an increase or decrease in the number of students as a result of these revisions?

Making the minor more flexible may attract a few additional students minoring in Computer Science each term. The increase is expected to be easily handled in our current major's courses and to have little or no effect on other courses.

Part IV. Course Proposals

None.

Part V. Letters of Support

See attachment.

To: James Wolfe, Chairman
Computer Science Department Curriculum Committee

From: Gerald Buriok, Chairman
Mathematics Department *gmb*

Date: October 19, 1993

Subject: Revised Computer Science Minor

With this memo, I want to acknowledge that I have read the proposed change in the Computer Science Minor and that the Mathematics Department supports the change. Although CO 205 is required for Secondary Mathematics Education majors, the proposed change will not impact these students or make the minor less accessible.