

NEW PROGRAM PROPOSAL

Undergraduate Masters Ph.D. Certificate**

Program Title: Minor in Computer Science

Degree to be Conferred: Minor in Computer Science

Administrative Unit Proposing Program: School of Electrical Engineering and Computer Science

Date of Submission: May 8, 2009

Brief Summary of Proposed Program:

Students complete 30 hours of Computer Science and Electrical Engineering, consisting of CS 240A, CS 240B, CS 240C, CS 265A, CS 300, CS 361, and EE 102 to satisfy a minor in Computer Science. All of these courses are required for the Bachelor of Science degree program in Computer Science.

Signatures:

Department/School Curriculum Chair

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College Dean

Approved by:

University Curriculum Council Program Chair

University Curriculum Council Chair

Provost

5/29/09
Date

5/29/09
Date

5/29/09
Date

6/2/09
Date

Date

Date

Date

Introduction:

When the Departments of Computer Science and Electrical and Computer Engineering merged in 1995, there existed a minor in Computer Science awarded through the College of Arts and Sciences. This minor was attached to the Computer Science major (BS 0701) offered through the College of Arts and Sciences. When that major (which duplicated the major in Engineering) was deleted, the attached minor became unavailable to students. This proposal seeks to recreate a minor in Computer Science.

The main rationale for recreating the minor in Computer Science is that there is some demand for a minor in Computer Science across campus. Each year, the School of Electrical Engineering and Computer Science receives multiple inquiries regarding whether such a minor exists. This minor would be available to students across campus with an interest in Computer Science.

All of the courses that are required for the minor are required for the Bachelor of Science degree program in Computer Science. So, we do not expect the addition of a minor in Computer Science to increase the workload for Computer Science faculty.

Requirements:

Requirements for a Minor in Computer Science (BS 7260). Students complete the following 7 courses.

- CS 240A Introduction to Computer Science I (5 hrs.)
- CS 240B Introduction to Computer Science II (4 hrs.)
- CS 240C Introduction to Computer Science III (4 hrs.)
- CS 265A Professional and Ethical Aspects of Computing (3 hrs.)
- CS 300 Discrete Structures (5 hrs.)
- CS 361 Data Structures (5 hrs.)
- EE 102 Introduction to Computer Engineering (4 hrs.)

Total Required Hours = 30 hours