

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

<input type="checkbox"/> (Check one)	Department Name	Mathematics and Statistics
<input type="checkbox"/> New Course (Parts II, IV)	College	Arts and Sciences
<input type="checkbox"/> Course Revision (Parts II, IV)	*Course Prefix & Number	
<input type="checkbox"/> Course Dropped (Part II)	*Course Title (30 characters)	
<input type="checkbox"/> New Program (Part III)	*Program Title	Computer Science/Mathematics Teaching (B.S.)
<input type="checkbox"/> Program Revision (Part III)		(Major <u>x</u> , Option __; Minor __; or Certificate __)
<input checked="" type="checkbox"/> Program Suspended (Part III)	*Provide only the information relevant to the proposal.	

Proposal Approved by:	Date	Date
Departmental Committee	1/31/03	Graduate Council* NA
College Curriculum Committee	3-3-03	Council on Academic Affairs
General Education Committee*	NA	Approved <u>X</u> Disapproved __. 03-28-03
Teacher Education Committee*		Faculty Senate**
		Board of Regents**
		Council on Postsecondary Edu.*** NA

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To suspend the B.S. degree in Computer Science/Mathematics Teaching.

A. 2. Effective date: (Example: Fall 2001)
 Fall 2003

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)
 Fall 2004

B. The justification for this action:
 The program has recently had very low graduation rates.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 There will be no decrease in faculty as a result of the termination of this degree program. Students in this program took courses required of math teaching majors and computer science majors.

Operating Expenses Impact:
 There will be no savings in operating expenses as a result of the termination of this degree program. This program did not require any separate expenses.

Equipment/Physical Facility Needs:

Library Resources:

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide (a) the current program requirements and (b) the revised program, reflecting the exact changes being proposed.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

COMPUTER SCIENCE/MATHEMATICS TEACHING (B.S.)

CIP Code: 13.1399.05

Program Objectives

Upon completion of this program the student will be prepared to teach computer science and mathematics at the secondary level and will: (1) understand the principles of pre-college computer science and mathematics; (2) be able to explain the basic concepts of computer science and mathematics and their applications to social, economic, and scientific problems; (3) understand the importance and power of computer science and mathematics in our rapidly changing technological age; and (4) be prepared to pursue a graduate program in this or a related area.

Refer to the College of Education section of this *Catalog* regarding several teacher certification requirements associated with this degree program.

Major Requirements 41 hours

CSC 190, 191, 195, 302; 305 or 306; 310; MAT 124* or 124H; 214; 224 or 224H; 301, 308, 334, 380. All courses must be completed with a grade of at least "C-". At least five upper-division courses which satisfy the major requirements must be completed at ECU.

Supporting Course Requirement 6 hours

CSC 104, STA 270. All courses must be completed with a grade of at least a "C-".

Professional Education Requirements 31 hours

EDF 103, 203, EPY 319, 413, SED 401, ESE 450, 490, 499.

General Education Requirements 42 hours

Standard General Education program, excluding course categories 03, 04 and 21. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

University Requirements 4 hours

ASO 100 and three hours of restricted electives.

Free Electives 4 hours

Total Curriculum Requirements 128 hours

* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

New or Revised* Program

(*Use ~~strikeout~~ for deletions and underlines for additions.)