FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Undergraduate Programs

UUPC Approval 9/12/22
UGPC Approval _____
UFS Approval _____
Ban/Cat _____

Department Electrical Engineering and Computer Science

College Engineering & Computer Science

Program Name

Bachelor of Science in Electrical Engineering to Master of Science with Major in Computer Engineering

☐ **New Program**

☑ **Change Program**

Effective Date
(TERM & YEAR)

Fall 2022

Please explain the requested change(s) and offer rationale below or on an attachment

The Bachelor of Science in Electrical Engineering (B.S.E.E.) to Master of Science with Major in Computer Engineering (M.S.C.E) Degree Program section on the catalog needs to be removed in its entirety. This is because the content is obsolete. With the new curricula of B.S.E.E., students of E.E. can pursue M.S.C.E. directly.

Faculty Contact/Email/Phone

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Consult and list departments that may be affected by the change(s) and attach documentation

Approved by	***Date***
Department Chair	5/3/2022
College Curriculum Chair Hongbo Su	9/7/22
College Dean	9/12/22
UUPC/UGPC Chair Ethlyn Williams	9/12/22
UG Studies Dean/UGC Chair	
Grad College Dean	
UFS President/ Provost	

Email this form and attachments to mjenning@fau.edu one week before the UUPC meeting so that materials may be viewed on the UUPC website prior to the meeting.

Change 1: This whole section needs to be removed

B.S.E.E. to M.S. with Major in Computer Engineering Degree Program

The B.S.E.E./M.S.Cp.E. program is intended for students who wish to take advantage of the broader systems orientation of the B.S.E.E. degree and then specialize in Computer Engineering. Selection of specific technical elective courses in the B.S.E.E. program qualifies the graduate to enter the M.S.Cp.E. program with no deficiencies, provided that the GPA and other computer engineering admission requirements are met. Up to 9 credits of approved graduate coursework (5000 level or higher) can apply toward both degrees as long as the combined program totals a minimum of 150 credits:

1. The student has met the minimum 120 credits for the bachelor's degree; and

2. The student has taken a minimum of 30 credits in 5000 level of higher courses for the master's program.

Prerequisite Coursework for Transfer Students
Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the Intellectual Foundations Program) and requirements for the college and major. Lower division requirements may be completed through the A.A. degree from any Florida public college university, or community college or through equivalent coursework at another regionally accredited institution. Before transferring and to ensure timely progress toward the baccalaureate degree, students must also complete the prerequisite courses for their major as outlined in the *Transition Guides*.

All courses not approved by the Florida Statewide Course Numbering System that will be used to satisfy requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

Degree Requirements
The following specific technical elective courses should be taken as part of the requirements for a B.S.E.E. degree.:

Technical Electives (10 credits required)		
Foundations of Computer Science Programming 2 (Change effective summer 2022.)	COP 3014	3
Foundations in Computer Science Lab	COP 3014L	1
Data Structures and Algorithm Analysis	COP 3530	3
Structured Computer Architecture (Change effective summer 2022.)	CDA 4102	or
CAD-Based Computer Design	CDA 4204	3