FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Graduate Programs

UGPC Approval _____
UFS Approval _____
Banner _____
Catalog _____

Department Computer and Electrical Eng. and Comp. Science

College Engineering and Computer Science

Program Name

Combined B.S.C.E. or B.S.C.S. to M.S.A.I.
Combined B.S.E.E. to M.S.A.I.

☐ **New Program***

☑ **Change Program***

Effective Date
(TERM & YEAR)

Fall 2021

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

COT4400 has been removed as being a prerequisite course for the MSAI program. This catalog change removes COT4400 as a prerequisite for combined BS CE, BS EE /MSAI programs.

*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.

Faculty Contact/Email/Phone

Hanqi Zhuang, zhuang@fau.edu, 561-297-3413

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

Approved by		***Date***
Department Chair	Hanqi Zhuang — Digitally signed by Hanqi Zhuang Date: 2021.03.02 21:35:24 -05'00'	
College Curriculum Chair	Francisco Presuel-Moreno — Digitally signed by Francisco Presuel-Moreno DN: cn=Francisco Presuel-Moreno, o=Florida Atlantic University, ou=Ocean and Mechanical Engineering, email=fpresuel@fau.edu, c=US Date: 2021.03.04 09:46:07 -05'00'	
College Dean	Digitally signed by Mihaela Cardei DN: cn=Mihaela Cardei, o=Florida Atlantic University, ou, email=mcardei@fau.edu, c=US Date: 2021.03.04 17:30:34 -05'00'	3/4/2021
UGPC Chair		Apr 4, 2021
UGC Chair		Apr 5, 2021
Graduate College Dean		Apr 5, 2021
UFS President		
Provost		

Email this form and attachments to UGPC@fau.edu 10 days before the UGPC meeting.

Computer Science and Computer Engineering

Combined Programs

B.S.C.E. or B.S.C.S. to M.S.A.I. Degree Programs

The department offers a combined Bachelor of Science in Computer Engineering (B.S.C.E.) or Bachelor of Science in Computer Science (B.S.C.S.) to Master of Science in Artificial Intelligence (M.S.A. I.) program. Students in either combined program may count up to 9 credits of approved graduate coursework (5000 level or higher) toward both their bachelor's and master's 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 or higher courses for the master's program.

With an approximate duration of five years, these combined programs provide attractive ways for students to continue their graduate work. Students complete the undergraduate program first.

Prerequisite coursework for transfer students and admission requirements for these combined programs are the same as for the B.S.C.E or B.S.C.S. to M.S. degree programs noted above.

~~**Degree Requirements**~~
~~The following specific technical elective course must be taken as part of the requirements for the B.S.C.E. degree.~~

~~**Technical Elective (3 credits required)**~~		
~~Design and Analysis of Algorithms~~	~~COT 4400~~	~~3~~

B.S.E.E. to M.S.A.I. Degree Program

The department offers a combined Bachelor of Science in Electrical Engineering (B.S.E.E.) to Master of Science in Artificial Intelligence (M.S.A.I.) program. Students in this combined program may count up to 9 credits of approved graduate coursework (5000 level or higher) toward both their bachelor's and master's 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 or higher courses for the master's program.

With an approximate duration of five years, these combined programs provide attractive ways for students to continue their graduate work. Students complete the undergraduate program first.

Prerequisite coursework for transfer students and admission requirements for this combined programs are the same as for the B.S.C.E or B.S.C.S. to M.S. degree programs noted above.

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

Technical Electives (9 credits required)		
Foundations in Computer Science	COP 3014	3
Data Structures and Algorithm Analysis	COP 3530	3
~~Design and Analysis of Algorithms~~	~~COT 4400~~	~~3~~