FAU
FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Graduate Programs

Department Computer and Electrical Eng. and Computer Science

College Engineering and Computer Science

UGPC Approval _____
UFS Approval _____
Banner Posted _____
Catalog _____

Program Name PhD in Computer Science	☐ **New Program** ☑ **Change Program**	**Effective Date** *(TERM & YEAR)* Fall 2019

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

CEECS department requests to add a new concentration in Data Science and Analytics to the PhD program in Computer Science. Students enrolled in this concentration will gain expertise, through both coursework and research activity, in theoretical and applied data science and analytics. The admission and degree requirements are described in the attachment.

Faculty Contact/Email/Phone Taghi Khoshgoftaar/khoshgof@fau.edu/(561) 297 - 3994	**Consult and list departments that may be affected by the change(s) and attach documentation** NA

Approved by		*Date*
Department Chair	*(signature)*	2/26/2019
College Curriculum Chair	*(signature)*	3/11/19
College Dean	M Cardui *(signature)*	3/11/2019
UGPC Chair		
UGC Chair		
Graduate College Dean		
UFS President		
Provost		

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

Doctor of Philosophy with Major in Computer Science

Data Science and Analytics Concentration

The PhD in Computer Science program with concentration in Data Science and Analytics requires gaining expertise, through both coursework and research activity, in theoretical and applied data science and analytics.

Admission Requirements

The applicants are required to meet all the admission requirements for the Doctor of Philosophy with major in Computer Science program.

Degree Requirements

The applicants are required to meet all the degree requirements for the Doctor of Philosophy with major in Computer Science program. In addition, the following requirements must be met:

1. The graduate coursework counted in the PhD program must contain at least 4 graduate courses in the area of data science and analytics, with grade B or better. These courses must be approved by the dissertation advisor and focus on theoretical and/or applied data science and analytics. Graduate courses completed during a master's degree can be used to meet this requirement.
2. The student's PhD dissertation research and scholarship must have a strong emphasis on one or more areas of data science and analytics, including, but not limited to applied and/or theoretical areas.