



NEW/CHANGE PROGRAM REQUEST

Graduate Programs

UGPC Approval _____

UFS Approval _____

Banner Posted _____

Catalog _____

**FLORIDA
ATLANTIC
UNIVERSITY**

Department OME, CEECS, CECE

College Engineering and Computer Science

Program Name

BS to PhD program

 New Program

 Change Program

Effective Date
(TERM & YEAR)

Spring 2020

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

This proposal requests changing the degree requirements for the BS to PhD programs. The minimum number of credits of the PhD program is reduced from 84 to 72. Students entering the PhD program will be required to take a minimum of 42 credits of graduate course work (reduced from 45 credits) and a minimum of 30 dissertation credits (reduced from 39 credits). This reduction in the number of credits will not impact the quality of the PhD program, while reducing the student cost.

Faculty Contact/Email/Phone

Dr. Mihaela Cardei, mcardei@fau.edu, 561.297.3459

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

None

Approved by

Department Chair

College Curriculum Chair

College Dean

UGPC Chair

UGC Chair

Graduate College Dean

UFS President

Provost

Date

10/7/2019

10/15/2019

10/15/2019

11/6/19

11/6/19

11-7-19

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.

College of Engineering and Computer Science

Combined Degree Program Information

B.S. to Ph.D. Programs

The normal path from B.S. degree to Ph.D. degree in the College of Engineering and Computer Science is through the M.S. degree and its associated requirements. The B.S. to Ph.D. Program gives highly qualified students in the College the option of bypassing the M.S. degree and moving to their doctoral research activities more rapidly. B.S. to Ph.D. students will not be required to write an M.S. thesis. Students selecting the B.S. to Ph.D. option who fail to pass the Ph.D. Qualifying/Candidacy examination will be allowed to switch to an M.S. program, complete the degree requirements and receive the M.S. degree. Admission to the B.S. to Ph.D. Program may be granted to students entering or already in a graduate engineering program, including students selected for the joint B.S. to M.S. program. Admission and degree requirements are listed below.

Admission Requirements

Students in the B.S. Program:

1. Satisfaction of the department's minimum GPA requirement, normally in the 3.2 – 3.3 range, in the last 60 credits of undergraduate coursework;
2. A minimum GRE score of 1100;
3. A minimum of two letters of recommendation. Where possible these letters should address the student's qualifications for research.

Students in the M.S. Program at FAU:

1. Satisfaction of the department's minimum GPA requirement, normally in the 3.2 – 3.3 range, in the last 60 credits of undergraduate coursework;
2. A minimum GRE score of 1100;
3. A minimum GPA of 3.5 in the graduate program at FAU;
4. Students must apply for the direct path Ph.D. program within the first year of graduate studies. Students who do not satisfy the GRE or GPA requirements stated above must obtain approval from the department and College graduate committees overseeing the graduate program and from the Graduate College before being admitted to the direct path program.

Degree Requirements

1. Successful completion of the department's doctoral qualifying/candidacy exam. This exam will normally be taken after the student has completed 24 credits of graduate coursework in the department.
2. A minimum of 84.72 credits beyond the B.S. degree, distributed according to the following conditions:
 - a. A minimum of 42 graduate credits of coursework from which a -A- minimum of 24.27 credits of coursework must be in the doctorate-granting department (excluding directed independent study credits) and a minimum of 18 credits of 6000-level courses must be completed;
 - b. Except under unusual circumstances, no more than 9.6 credits are allowed for directed independent study;
 - c. A minimum of 3 credits must be taken in mathematics or in a technical field closely related to the student's research, as determined by the departmental criteria;
 - d. A minimum of 39.30 dissertation credits.
3. Successful completion and defense of the dissertation.