

 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 MS Computer Science MS Computer Engineering	<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date (TERM & YEAR) Fall 2021
Please explain the requested change(s) and offer rationale below or on an attachment. This proposal adds the minimum number of credits in the field of study.		
<small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small>		
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 Department Chair <u>Hanqi Zhuang</u> College Curriculum Chair <u>Francisco Presuel-Moreno</u> College Dean <u>M. Cardelino</u> UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____	<small>Digitally signed by Hanqi Zhuang Date: 2021.03.02 21:39:01 -05'00'</small> <small>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 09:50:11 -05'00'</small> <small>Digitally signed by M. Cardelino DN: cn=M. Cardelino, o=Florida Atlantic University, ou, email=mcardeni@fau.edu, c=US Date: 2021.03.04 11:24:00 -05'00'</small>	Date _____ _____ 3/4/2021 Apr 4, 2021 Apr 5, 2021 Apr 5, 2021 _____ _____

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

Master of Science with Major in Computer Science

Degree Requirements

Students must satisfy all of the University graduate requirements. In addition, the following specific degree requirements apply, depending on the choice of degree programs.

Master of Science with Major in Computer Science, Thesis Option (30 credits)

1. Requires 6 credits of orally defended written thesis. The M.S. committee is chaired by the student's thesis advisor. The chair of the committee must be a graduate faculty member from the Department of Computer and Electrical Engineering and Computer Science.

2. Requires 24 credits of approved coursework with the following constraints:

a. A minimum of 3 credits must be selected from each of the three groups listed in Option B.

b. A minimum of 12 credits in Computer Science and Engineering courses.

c. b. No more than 3 credits of directed independent study may be taken.

d. e. No course can be counted toward the degree that is more than 10 years old at the time the degree is awarded.

e. d. No 4000-level course is allowed toward the degree. Courses taken to make up for the deficiencies will not be counted toward the degree.

4. Must have a GPA of 3.0 (out of 4.0) or better.

5. All courses in the degree program must be completed with a grade of "C" or better.

6. Must complete one semester of CGS 5937, Graduate Seminar (0 credits) with grade of Satisfactory ("S").

Master of Science with Major in Computer Science, Non-Thesis Option (30 credits)

1. Requires 30 credits of approved coursework with the following constraints:

a. a. A minimum of 3 credits must be selected from each of the three groups listed in Option B.

b. A minimum of 18 credits in Computer Science and Engineering courses.

c. b. No more than 3 credits of directed independent study may be taken.

d. e. No course can be counted toward the degree that is more than 10 years old at the time the degree is awarded.

e. d. No 4000-level course is allowed toward the degree. Courses taken to make up for the deficiencies will not be counted toward the degree.

2. At least one-half of the credits must be at the 6000 level or above.

3. Must have a GPA of 3.0 (out of 4.0) or better.

4. All courses in the degree program must be completed with a grade of "C" or better.

5. Must complete one semester of CGS 5937, Graduate Seminar (0 credits) with grade of Satisfactory ("S").

Master of Science with Major in Computer Engineering

Degree Requirements

Students must satisfy all of the University graduate requirements. In addition, the following specific degree requirements apply, depending on the choice of degree programs.

Master of Science with Major in Computer Engineering, Thesis Option (30 credits)

1. Requires 6 credits of orally defended written thesis. The M.S. committee is chaired by the student's thesis advisor. The chair of the committee must be a graduate faculty member from the Department of Computer and Electrical Engineering and Computer Science.

2. Requires 24 credits of approved coursework with the following constraints:

a. A minimum of 3 credits must be selected from each of the three groups listed in Option A.

b. A minimum of 12 credits in Computer Engineering, Computer Science, and Electrical Engineering courses.

cb. No more than 3 credits of directed independent study may be taken

de. No course can be counted toward the degree that is more than 10 years old at the time the degree is awarded.

ed. No 4000-level course is allowed toward the degree. Courses taken to make up for the deficiencies will not be counted toward the degree.

3. At least one-half of the credits must be at the 6000 level or above.

4. Must have a GPA of 3.0 (out of 4.0) or better.

5. All courses in the degree program must be completed with a grade of "C" or better.

6. Must complete one semester of CGS 5937, Graduate Seminar (0 credits) with grade of Satisfactory ("S").

Master of Science with Major in Computer Engineering, Non-Thesis Option (30 credits)

1. Requires 30 credits of approved coursework with the following constraints:

a. ~~a.~~ A minimum of 3 credits must be selected from each of the three groups listed in Option A.

b. b. A minimum of 18 credits in Computer Engineering, Computer Science, and Electrical Engineering courses

cb. No more than 3 credits of directed independent study may be taken.

de. No course can be counted toward the degree that is more than 10 years old at the time the degree is awarded.

ed. No 4000-level course is allowed toward the degree. Courses taken to make up for the deficiencies will not be counted toward the degree.

2. At least one-half of the credits must be at the 6000 level or above.

3. Must have a GPA of 3.0 (out of 4.0) or better.

4. All courses in the degree program must be completed with a grade of "C" or better.

5. Must complete one semester of CGS 5937, Graduate Seminar (0 credits) with grade of Satisfactory ("S").