



DEPARTMENT OF COMPUTER  
& ELECTRICAL ENGINEERING  
AND COMPUTER SCIENCE  
FLORIDA ATLANTIC UNIVERSITY

# PROFESSIONAL MASTER'S DEGREE PROGRAM IN COMPUTER SCIENCE

## ONLY 1 YEAR TO COMPLETE

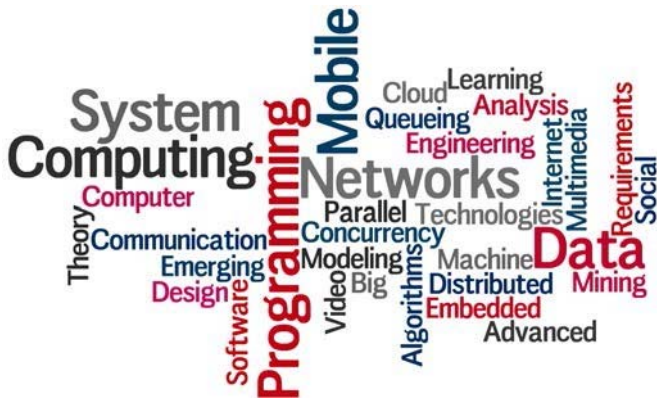
The Department of Computer & Electrical Engineering and Computer Science at Florida Atlantic University (FAU) offers a Professional Master's degree program in Computer Science that can be completed in one year. Students will complete 10 courses for a total of 30 graduate credits. The program is tailored specifically for working professionals from the high-tech industry. Providing a cutting-edge education with a unique emphasis on software, multimedia, and AI technologies, the program offers face-to-face instruction complemented with state-of-the-art, Internet-based e-learning facilities. The program can be completed using a combination of online and on-campus lectures or fully online. Students are recommended to attend on-campus classes at FAU two Saturdays per month. The Saturday classes are captured and posted on Canvas, the FAU's learning management system. The latest distance-learning technologies are used for off-campus student communication including online lectures, homework, projects, and exams. The format allows participants to pursue their academic goals while remaining employed.

## 2019 - 2020 COURSE SCHEDULE

Choose 10 courses from the list below:

CAP 6010 Multimedia Systems
CAP 6635 Artificial Intelligence
COT 6405 Analysis of Algorithms
CEN 5035 Software Engineering
CNT 5109 Sensor Networks and Smart Systems
COP 5339 Object-Oriented Software Design
CAP 6673 Data Mining and Machine Learning
COT 6930 Emerging Wireless Network Technologies
CAP 6619 Deep Learning
CDA 6316 Embedded System Design
COT 6930 Software Optimization





## ADMISSION REQUIREMENTS

1. A baccalaureate degree in computer science, computer engineering, electrical engineering, information systems, information technology or comparable field, with a GPA of at least 3.0 in the last 60 credits attempted prior to graduation.
2. Submission of the Graduate Record Examination (GRE) scores. The GRE requirement may be waived based on industry work experience.
3. International students must provide Test of English as a Foreign Language (TOEFL) scores.

## NOTES FROM FORMER STUDENT



*"The FAU Professional Weekend Master's Program has given me the opportunity to work towards a lifetime goal that I've had for many years. The courses have been very focused on the latest trends and technologies which have helped me expand in many areas of my work."*  
Dr. David Jaramillo, Chief Architect, IBM.



*"The weekend master's program at FAU is a great option for working professionals. The coursework covers many current trends in technology including data mining, multimedia systems and internet programming. The projects are comprehensive and designed to create a solid learning experience. I work full-time and was able to complete all 11 classes in 1 year."*  
Nancy Van Nest, Principal Software Engineer, Tyco Retail Solutions.

## FACULTY

The teaching faculty in the Department of Computer & Electrical Engineering and Computer Science is comprised of distinguished professors who are experts in their fields and internationally recognized in their research.

## PROGRAM FEES

- \$800 per credit-hour; total cost for 30 credit-hours is \$24,000.
- Note: prices subject to change.
- Fees include continental breakfast and lunch for all class sessions.
- Tuition fees are due upon registration and no later than the end of each individual course.

## PROGRAM START

- Fall Semester: August 17, 2019
- Spring Semester: January 11, 2020



## PROGRAM CONTACTS

Program Coordinator: Jean Mangiaracina, 561.297.6482, [jmangiar@fau.edu](mailto:jmangiar@fau.edu)



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