

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	Department Computer & Electrical Engineering and Comp. Science College Engineering and Computer Science		
Program Name MS with Major in Computer Science with Focus in Internet and Web Technologies	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date <small>(TERM & YEAR)</small> Summer 2018	
Please explain the requested change(s) and offer rationale below or on an attachment Replace the course ISM 4052 Internet Application Programming with the course CAP 6315 Social Networks and Big Data Analytics in the MS with Major in Computer Science with Focus in Internet and Web Technologies program.			
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 NA	
Approved by Department Chair <u>Dusque Endit</u> College Curriculum Chair <u>M. Cardei</u> College Dean <u>[Signature]</u> UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		Date <u>2/26/18</u> <u>2/28/2018</u> <u>2/28/2018</u> _____ _____ _____ _____	

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

Computer & Electrical Engineering and Computer Science

Master of Science with Major in Computer Science with Focus in Internet and Web Technologies

This program is designed specifically for working professionals. Students attend formal classes for two Saturdays per month for 11 months. The remaining instruction is delivered through the latest distance-learning technologies, including FAU's Blackboard system.

The program requires the 11 FAU courses below, totaling 33 credits categorized as software, networking and applications. Special review modules can be arranged for students who lack the required prerequisites. Admission requirements and prerequisites are the same as for the master's degree with major in Computer Science.

Multimedia Systems	CAP 6010
Data Mining and Machine Learning	CAP 6673
Computer Networks	CNT 5008
Mobile Computing	CNT 6517
Computer Data Security	CIS 6370
Theory and Implementation of Database Systems	COP 6731
Wireless Networks	EEL 6591
Internet Application Programming	ISM 4062
Social Networks and Big Data Analytics	CAP 6315
Queueing Theory	MAP 6264
Topics in Computer Science (Topics include Web Services, Web Project Development, Network Programming)	COT 5930
Topics in Computer Science (Topics include Advanced Internet Engineering, Ad Hoc Networks, Video Communications)	COT 6930

For fees and other details, contact the department at 561-297-3855 or visit the Computer & Electrical Engineering and Computer Science [website](#).