COMPUTER SCIENCE ELECTIVES:

9 credits chosen from CS and CE upper division courses that are not in the CS core (CET and CTI courses are excluded, but students can take ENG 4040 and ISM 4133 for CS elective credit).

At least one elective must be one of these second programming language/advanced content courses

COP 4703	Applied Database Systems
COP 4593	Component Programming with .NET
CAP 4630	Intro to Artificial Intelligence
COP 4020	Programming Languages

Web Services

Suggested Groups of Concentration:

Information Technology CNT 4104 Intro to Data Communications

CNT 4403

COP 4814

COP 4703

COP 4593	Component Programming with .NET
CAP 4770	Intro to Data Mining and Mach Intelliger
COP 4854	Cutting Edge Web Tech
Applications	
CAP 4034	Computer Animation
CAP 4750	Computer Graphics Methods
CAP 4028	Intro to Game Programming
COP 4064	Graphical Application Development

Intro to Data and Network Security

nce

Applied Database Systems

Software Engineering

CEN 4910	SW Engineering Project
ISM 4133	Adv. Systems Analysis & Design
COP 4331	Object-Oriented Design & Programming

System Performance

MAP 4260	Intro to Queuing Theory #
CEN 4400	Intro to Computer System Perform

System Programming

COP 4604 **UNIX System Programming** Programming Languages COP 4020

Computer Architecture

CDA 4170/4204 CAD-Based Computer Design	n /

CDA 4210 Intro to VLSI

CDA 4630 Intro to Embedded System Design

† Cannot use same course as for core

‡ Cannot be used as both additional math & elective

OTHER REQUIREMENTS:

4 year & Transfer students ©:

At least 120 credits
At least 45 credits at a senior institution Last 30 upper division credits from FAU

Foreign Language: 2nd semester course (any language)

Second Degree Students @:

At least 30 new FAU credits

At least 25 credits upper division CS and CE courses at FAU Foreign Language not required

Course Requirements for admission to MSCS program

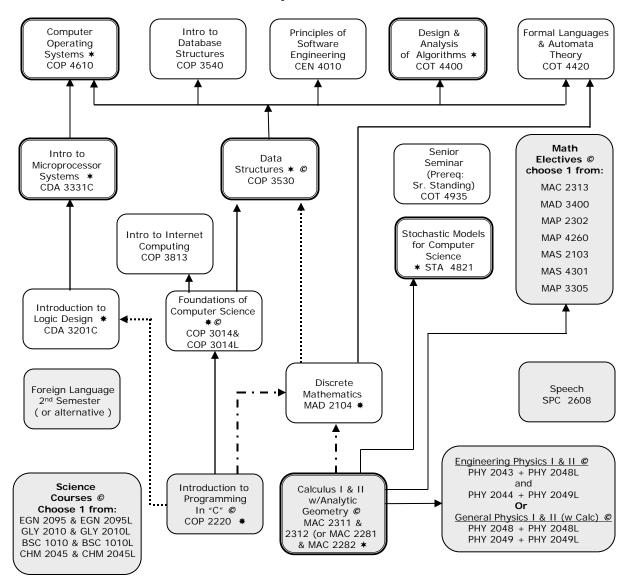
- * required courses
- * prerequisites for required course

@ Grade of C or better required



College of Engineering & Computer Science Florida Atlantic University

Bachelor of Science in Computer Science Curriculum



LEGEND:

