

FLORIDA ATLANTIC UNIVERSITY

Bachelor of Science in Computer Science Curriculum 2004-2005

Computer Science Electives (any 3)

*Internet Technology

CDA 4500 Intro to Data Communications
 COP 4331 Object-Oriented Design & Prog ♯
 COP 4020 Programming Languages ♯
 COP 4703 Applied Database Systems ♯

* Applications

CAP 4630 Intro to Artificial Intelligence ♯
 COP 4311 Logic Programming ♯
 CAP 4750 Computer Graphics Methods

*Software Engineering

CEN 4910 SW Engineering Project
 ISM 4133 Adv. Systems Analysis & Design

* System Performance

MAP 4260 Intro to Queueing Theory ‡
 COP 4301 Modeling & Simulation of Systems
 CEN 4410 Intro to Computer System Performance

* System Programming

COP 4020 Programming Languages ♯
 CDA 4500 Introduction to Data Communications
 COP 4604 UNIX System Programming
 COP 4620 Computer Language Translation

* Computer Architecture

CDA 4170/4204 CAD-Based Computer Design †
 CDA 4210 Intro to VLSI
 CDA 4630 Intro to Embedded System Design

* Other

EGN 4040 Inventive Problem-Solving

† Cannot use same course as for core

‡ Cannot be used as both additional math & elective

♯ One elective must use a language other than C/C++

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)

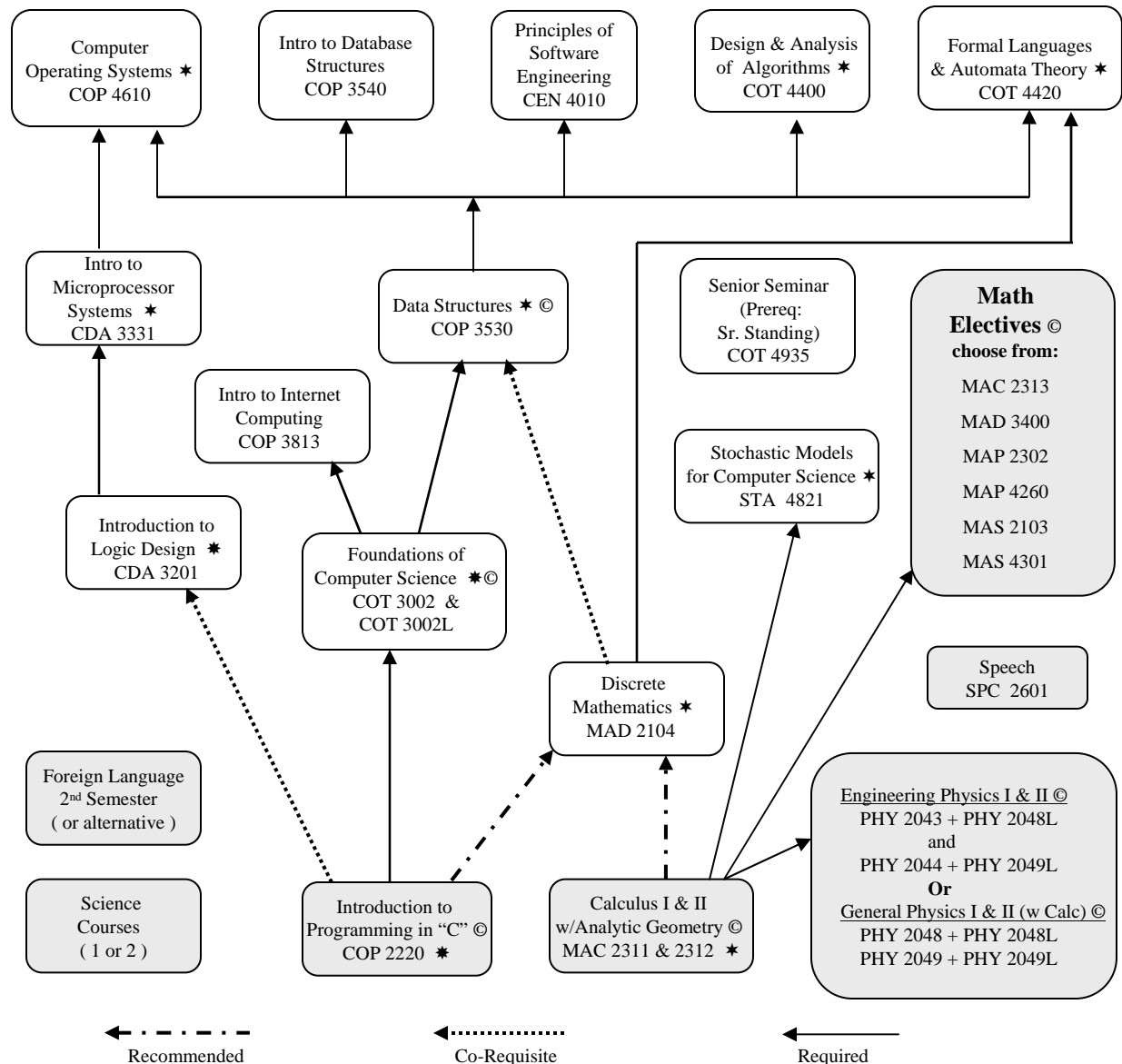
Second Degree Students © :

At least 30 new FAU credits
 At least 25 credits upper division CSE 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



NOTE: shaded courses are department "prerequisites" - often taken as part of a student's AA degree.

Revised 7/19/04