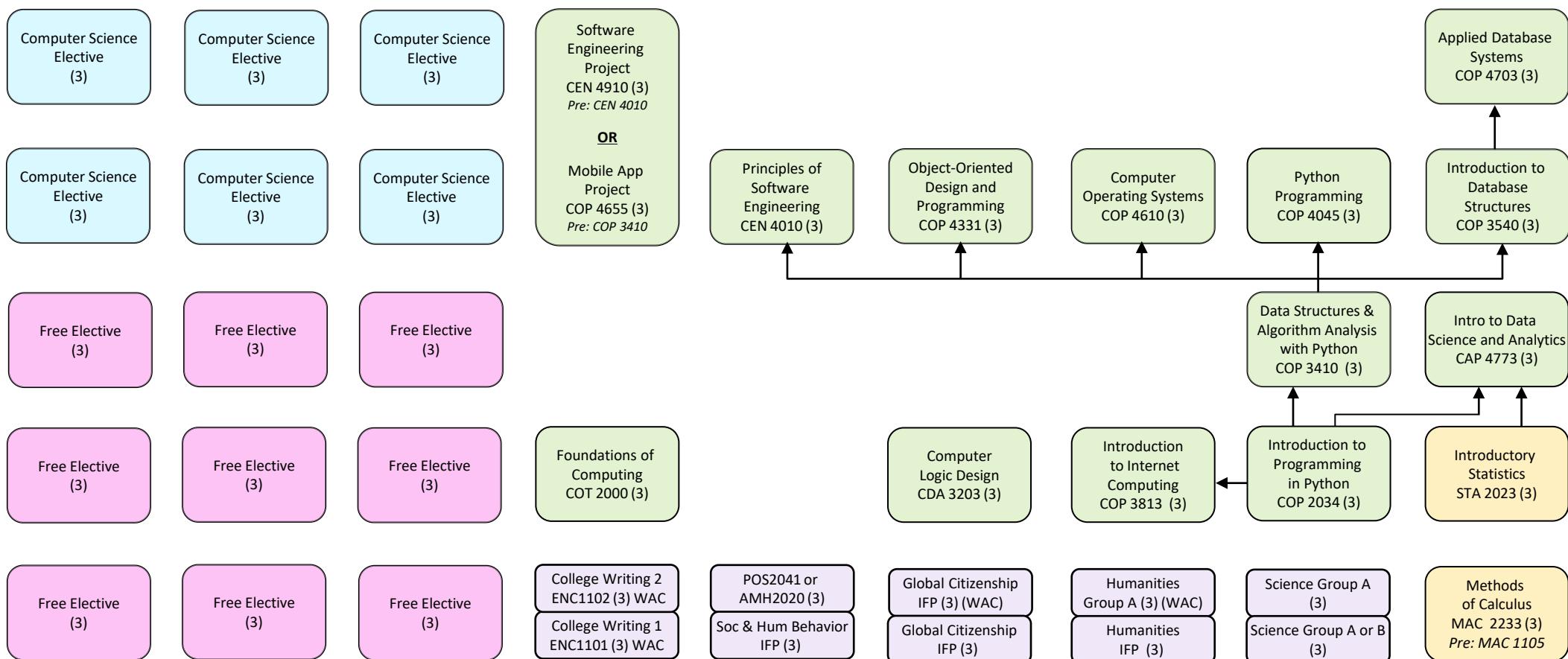


Bachelor of Arts in Computer Science

COLLEGE OF ENGINEERING
& COMPUTER SCIENCE
Florida Atlantic University

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**COMPUTER SCIENCE ELECTIVE OPTIONS:**

This box includes a sample list of electives. This list is not exhaustive, and courses are subject to change. Students seeking a specialty may consider taking electives in an area of study. *Note that some of the elective courses in the list may need prerequisites that are not part of the program. Students must ensure that they have the prerequisites for the selected courses.* A few suggested areas of concentration follow:

Internet Technology

Introduction to Data Communications CNT 4104
Foundations of Cybersecurity CNT 4403
Mobile App Projects COP 4655
Applied Database Systems COP 4703

Cybersecurity

Cyber Physical System Security CIS 4213
Operating Systems Security CIS 4367
Foundations of Cybersecurity CNT 4403
Network and Data Security CNT 4411

Machine Learning and Data Science

Introduction to Deep Learning CAP 4613
Introduction to Artificial Learning CAP 4630
Intro to Data Mining and Machine Learning CAP 4770
Introduction to Data Science and Analytics CAP 4773

The following courses may also be taken as computer science electives:

Topics in Computer Science COT 4930
Topics in Computer Science COT 5930
Directed Independent Study COT 4900

LEGEND:

Grade of "C" or better REQUIRED in all green, blue, orange, and WAC courses

This flowchart is reviewed periodically and is subject to change as new requirements become necessary to educate engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.