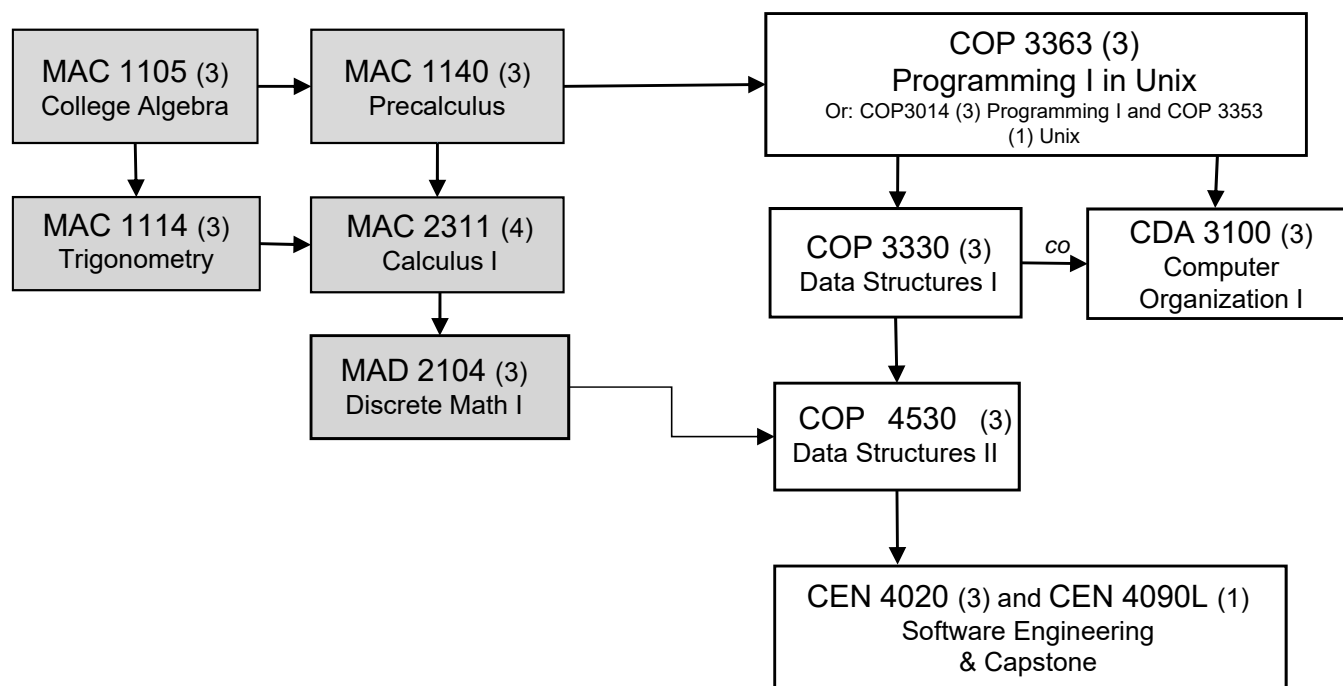# Undergraduate Computer Programming and Applications BA Flowchart

2020

This document should not be considered a complete representation of all degree requirements at FSU.
Arrows indicate prerequisite – "co" indicates co-requisite (the classes may be taken simultaneously)

A&S Requirements

Foreign Lang I (4)

Foreign Lang II (4)

Foreign Lang III (4)

Minor Requirement

MAC 1105 (3)
College Algebra

MAC 1140 (3)
Precalculus

COP 3363 (3)
Programming I in Unix
Or: COP3014 (3) Programming I and COP 3353 (1) Unix

MAC 1114 (3)
Trigonometry

MAC 2311 (4)
Calculus I

COP 3330 (3)
Data Structures I

co

CDA 3100 (3)
Computer Organization I

MAD 2104 (3)
Discrete Math I

COP 4530 (3)
Data Structures II

CEN 4020 (3) and CEN 4090L (1)
Software Engineering
& Capstone

Humanities (9)
Beyond General Education

Note: A Humanities based minor will fulfill the 9 hours of Humanities course work beyond the Liberal Studies

Oral Competency (3)

CS Electives

CS Prog Lang (6) Elective

CXX 2XXX, CXX 3XXX, CXX 4XXX
Electives (18)

Note: All elective coursework must be taken within the Computer Science department, see http://www.cs.fsu.edu/academics/undergraduate-programs/undergraduate-course-descriptions/ for a complete list of CS courses.
21 elective hours must be at the 3xxx or 4xxx level