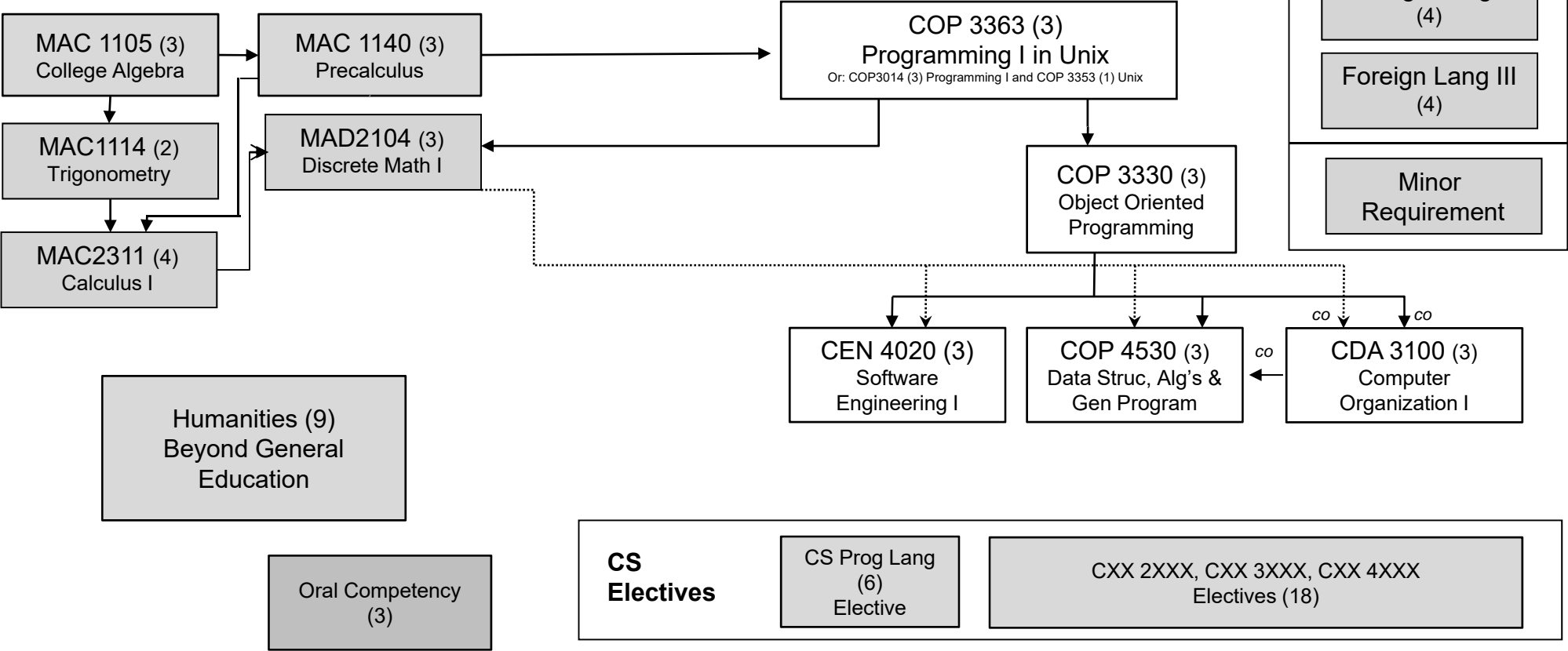# Undergraduate Computer Programming and Applications BA Flowchart

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)

Note: Students must select a minor. A Humanities based minor will fulfill the 9 hours of Humanities course work beyond the Liberal Studies

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

MAC1114 (2) Trigonometry

MAD2104 (3) Discrete Math I

MAC2311 (4) Calculus I

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

COP 3330 (3) Object Oriented Programming

CEN 4020 (3) Software Engineering I

COP 4530 (3) Data Struc, Alg's & Gen Program

CDA 3100 (3) Computer Organization I

co

Humanities (9) Beyond General Education

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.
Only one CXX 2XXX elective course may count towards the 18 hour elective requirement.