Undergraduate Computer Science Flowchart  As of Fall 2016

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)

MAC1105 (3) College Algebra
MAC 1140 (3) Precalculus
COP3014 (3) Programming I
COP3353 (1) Intro to Unix

MAC1114 (2) Trigonometry

MAC2311 (4) Calculus I

MAD2104 (3) Discrete Math I
MAC 2312 (4) Calculus II
STA 4442 (3) Intro to Probability

PHY2048C (5) Gen Physics I w/lab
PHY2049C (5) Gen Physics II w/lab
CHM 1045C (4) Gen Chem I w/lab

BSC 2010 (3) Bio Sci I
BSC 2011 (3) Bio Sci II

MAC 1140 (3) Precalculus

MAD3105 (3) Discrete Math II

CEN 4020 (3) Software Engineering I
CIS 4250 (3) Ethics and CS

MAD2104 (3) Discrete Math I

COP 3330 (3) Object Oriented Programming
COP 4710 (3) Theory and Structure of DB
COP 4530 (3) Data Struc, Alg’s & Gen Program

MAD 2104 (3) Discrete Math I

COP 4020 (3) Programming Languages
COP4610 (3) Op Sys & Conc Progr
COP 4531(3) Analysis of DS and Alg’s

CS Electives
- CS Prog Lang (3) Elective
- CXX 4xxx Elective (3)
- CXX 4xxx Elective (3)
- CXX 4xxx Elective (3)

XXXxxxx (2-4) Science for Majors

MAC 2311 (4) Calculus I

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

MAC 2312 (4) Calculus II

CEN 4020 (3) Software Engineering I

ST 2312 (4) Intro to Probability

COP 4710 (3) Theory and Structure of DB

CDA 3100 (3) Computer Organization I
CDA 3101 (3) Computer Organization II

CS 4xxx Or Advanced Math Elective (3)

COT 4420 (3) Theory of Computation

COP 4531 (3) Analysis of DS and Alg’s

COP 4020 (3) Programming Languages

COP 4710 (3) Theory and Structure of DB

COT 4420 (3) Theory of Computation

XXXxxxx (2-4) Science for Majors

COP 3014 (3) Programming I