Undergraduate Computational Biology 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).

Approved list of electives:

**Computer Science:** COP 3252, COP 4531, COP 4710, COT 4420, CIS4900r

**Biology:** BOT 4394, BSC 2010L, BSC 2011L, BSC 3402L, BSC 4613, BSC 4900r, BSC 4933, MCB 4403, MCB 4403L, PCB 3134, PCB 4701, PCB 4024, PCB 4233, PCB 4253, PCB 4674, PCB 4843

**Math:** MAC 2312, MAC 2313, MAP 2480, MAP 4481

**Statistics:** STA 4102, STA 4103, STA 4202, STA 4203, STA 4442, STA 4502, STA 4702

---

CHM 1045C (4)
Gen Chem I w/lab

CHM 1046C (5)
Gen Chem II w/lab

BSC 2010 (3)
Biological Science I

BSC 2011 (3)
Biological Science II

PCB 3063 (3)
General Genetics

MAC 1105 (3)
College Algebra

MAC 1114 (3)
Trigonometry

MAC 2312 (4)
Calculus II

PHY 2053C (3)
Physics I w/ lab

PHY 2054C (3)
Physics II w/ lab

MAC 1140 (3)
Precalculus

MAC 2311 (4)
Calculus I

STA 2171 (3)
Statistics for Biology

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

COP 3330 (3)
Object-Oriented Programming

CDA 3100 (3)
Computer Organization I

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

Biological Science, Computer Science, Math, and/or Statistics Electives (24)

Oral Comp (3)

A&S Requirements

Foreign Lang I
(4)

Foreign Lang II
(4)

Foreign Lang III
(4)