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).

**CS requirements**
- BIO requirements
- SC requirements
- Collateral

- CHM 1045C (3)
  - Gen Chem I
  - Fall/Spr/Sum
- CHM 1046C (3)
  - Gen Chem II
  - Fall/Spr/Sum
- BSC 2010 (4)
  - Biol. Sci I w/lab
  - Fall/Spr/Sum
- BSC 2011 (4)
  - Biol. Sci. II w/lab
  - Fall/Spr/Sum
- PCB 3063 (3)
  - General Genetics
  - Fall/Spr/Sum
- PCB 4674 (3)
  - Evolution
  - Fall/Spr/Sum
- BSC 4933 (3)
  - Intro to Bioinformatics
  - Fall
- Biological Electives (3)
- Math, SC, Phys, CHM or Stats Electives, or Practicum (6)

- BIO, CS, SC Electives (10)
- CS Electives (10)
- XXXX (6-9)

- Practicum in CB
- Practicum in SC
- XXXX (1)
  - Seminar in CB
  - Fall (T 6PM)
- ISC 3322 (3)
  - Symb. and Num. Comp.
  - Fall
- ISC 3313 (3)
  - Algorithms (Disc) for Sci. Apps. II
  - Fall
- ISC 4304 (4)
  - Programming for Sci. Apps. II
  - Spring
- ISC 4221 (4)
  - Algorithms (Disc) for Sci. Apps. II
  - Spring
- ISC 4220 (4)
  - Algorithms (Cont) for Sci. Apps. I
  - Fall

**A&S Requirements**
- Foreign Lang I (4)
- Foreign Lang II (4)
- Foreign Lang III (4)
- Oral Comp (3)
  - (ISC4221 fulfills)