



FLORIDA STATE UNIVERSITY

College of Arts & Sciences:

Computational Biology (Computer Science) (BS)



Admission Information

❖ Limited Access – No

❖ Minimum GPA = 3.00 overall

❖ Limited Enrollment - No

❖ Test Required – No

❖ Separate Major Application
Required – No

❖ Admits every semester

**** This is a recommended sequence of courses for general advisement purposes only.
Students are encouraged to meet with their academic advisor****

Required Pre-Requisite Courses

(C minus or higher required in each course)

FSU COURSES

MAC1105 College Algebra
 MAC1140 Pre-Calculus
 MAC1114 Trigonometry
 MAC2311 Calculus I
 CHM1045 General Chemistry I + Lab
 CHM1046 General Chemistry II + Lab
 BSC2010 Biological Science I

TCC COURSE EQUIVALENT

MAC1105
 MAC1140
 MAC1114
 MAC2311
 CHM1045/L
 CHM1046/L
 BSC2010

YEAR 1 TCC

FALL		SPRING	
ENC1101	(3)	ENC 1102/ENC1141	(3)
State Core Math, Area A: MAC1105	(3)	TCC Core Math, Area B: MAC1140	(3)
State Core Soc Sci, Area A, Group 2: AMH2020 or POS1041 (<i>Civ Lit</i>)*	(3)	State Core Nat Sci & matching Lab, Area A: CHM1045 + CHM1045 Lab (<i>NSLab</i>)*	(4)
TCC Core Soc Sci, Area B, Group 2: SLS1510 or SLS2261	(3)	State Core Humanities, Area A: THE2000 recommended (<i>Mult Y</i>)*	(3)
State Core Soc Sci, Area A, Group 1	(3)	Modern Language I recommended	(4)
Total: 15		Total: 17	

YEAR 2 TCC

FALL		SPRING	
MAC1114	(3)	MAC2311	(5)
TCC Core Soc Sci, Area B, Group 1	(3)	SPC2608 recommended (<i>OC</i>)*	(3)
TCC Core Nat Sci, Area B: CHM1046 + CHM1046 Lab	(4)	BSC2010	(3)
TCC Core Humanities, Area B: HUM2210 recommended (<i>SIP</i>)*	(3)	Modern Language III recommended	(4)
Modern Language II recommended	(4)		
Total: 17		Total: 15	

**FSU Graduation Requirement: Civ Lit = Civic Literacy, NSLab = Natural Science Lab, Mult Y = Diversity Y, SIP = Scholarship in Practice, OC = Oral Competency*

Total Credits: 64

Transfer to the University Information

Website: <https://admissions.fsu.edu/transfer/>

Email: admissions@fsu.edu

Phone: (850) 644-6200

Address: Florida State University
Office of Admissions
A2500 University Center
282 Champions Way
Tallahassee FL 32306-2400

Major Information

FSU College of Arts & Sciences: <https://artsandsciences.fsu.edu/>

Admission to major: <https://www.cs.fsu.edu/admissions/undergraduate-admissions/>

Email: advisor@cs.fsu.edu

Employment Information

FSU Career Center: <https://www.career.fsu.edu/>

Representative Job Titles Related to this Major: Computational Biologist, Bioinformatics Specialist, Biotechnologist, Pharmaceutical/Medical Researcher, Forensic Scientist, Molecular Medicine Specialist, Comparative Genomics Scientist, Genetic Engineer, Human Geneticist, and Genome Analyst, Programmer, Systems Analyst, Software Engineer, Data Processing System Manager, Network Administrator.

Representative Employers: Pharmaceutical Companies, Healthcare Providers, Medical Laboratories, Biotechnology Companies, Law Enforcement Agencies, Colleges and Universities, State and Federal Government, Software Development Companies.