

Computer Science Major Checklist

Bioinformatics Concentration (Students entering fall 2013)

Required Computer Science courses:

CSCI 101 Introduction to Computer Science	
CSCI 121 Programming in Java I	
BIOL 150 Introduction to Biology	
CSCI 122 Programming in Java II	
CSCI 350 Parallel Computing	
CSCI 361 Data Structures and Algorithms	
BIOL 235 Botany OR BIOL 245 Zoology	
BIOL 240 Genetics	
CSCI 243 Database Development	
CSCI 330 Programming in C++	
CSCI 362 Operating Systems	
BIOL 390 Biometry	
BIOL 410 Biotechniques	
CSCI 420 Bioinformatics	
CSCI 461 Senior Project I	
CSCI 461 Senior Project II	
MATH 232 Introduction to Statistics	

Core Courses:

Critical Thinking		
Quantitative Reasoning		
Computing Technology		
Language Arts		
Creative Arts		
Creative Arts		
Human Heritage		
Human Heritage		
Self & Society		
Self & Society		
Science & Technology		
Science & Technology		
Tier III Capstone		

Other Graduation Requirements:

Total Credits (120 required)		
Upper Level Credits (39 required)		
Physical Education Credits (2 required)		
GPA (2.0 required)		
Major GPA (2.0 required)		