

Computer Science Major Checklist

Software Development Concentration (Students entering fall 2013)

Required Computer Science courses:

CSCI 101 Introduction to Computer Science	
CSCI 121 Programming in Java I	
CSCI 210 Network Theory and Administration	
CSCI 122 Programming in Java II	
CSCI 221 Programming in Java III	
CSCI 361 Data Structures and Algorithms	
CSCI 222 Programming in Java IV	
CSCI 235 Digital Circuit Design	
CSCI 236 Web Development	
CSCI 243 Database Development	
CSCI 343 Server-Side Software Development	
CSCI 330 Programming in C++	
CSCI 328 Object Oriented Design	
CSCI 362 Operating Systems	
CSCI 390 Junior Qualification Symposium	
CSCI 452 N-Tiered Software Development I	
CSCI 453 N-Tiered Software Development II	
CSCI 461 Senior Project I	
CSCI 461 Senior Project II	
PHYS 131 or 151 Physics I	
Math course (level 200 or higher)	
ENGL 306 Business Writing	

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)		