B.A. IN COMPUTER SCIENCE

Code	Title	Credits
Major in Computer Science (B.A.)		
Choose one of the following sequences:		6-7
COS 100	Introduction to Programming	
COS 105	Object-oriented Design and Programming	
Or		
COS 205	Scientific Computing	
one additional Computer Science course		
COS 212	Data Structures	4
COS 216	Algorithms and Advanced Data Structures	3
COS 235	Computer Systems	4
COS 450	Humans and Computers	3
MAT 124M	Calculus 1 [2]	4
MAT 241	Discrete Mathematics	3
Electives from 300-level or above Computer Science courses or MAT 376 or PHY 352/PHY 353 or ENR 352/ENR 353 [1]		18-19

Code	Title	Credits
Major		45-47
General Education		44-45
Electives		31-32
Total Credits		**122**

1 MAT 376's prerequisite is MAT 211 or MAT 224. Prequisites for ENR 352/ENR 353 are MAT 223 and PHY 296/PHY 297. Prerequisites for PHY 352/PHY 353 are MAT 223, PHY 296/PHY 297, and PHY 302/PHY 303.

2 Students may test into this course via successful completion of the Math and Computer Science department placement exam or by completing MAT 123M and the Math and Computer Science department placement exam requirements.

Courses whose number is followed by a letter fulfill a General Education requirement.

Students may not declare a B.A. in Computer Science and a B.S. in Computer Science.

Students may not declare a B.A. in Computer Science and a Minor in Computer Science.

Students may not declare a B.A. in Computer Science with Software Project Management and a B.A. in Computer Science.