PREREQUISITE COURSES Required for students with Bachelor's Degree outside the field of Computer Science

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3330	CS II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networkings	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
CS 5545	Computer Algorithms	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating System Principles	3			

Non-Thesis Option Required Courses: (12 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
CS 6622	Introduction to Cybersecurity	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6674	Network and Information Security	3			
CS 6679	Advanced Penetration Testing and Network Defense	3			

Advisor Approved Electives: Select 12 hours of advisor-approved Computer Science graduate courses