

BACHELOR OF SCIENCE IN COMPUTER SCIENCE - CYBERSECURITY TRACK

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	40
Major Requirements	73
Electives	12
Other Requirements	0
Total Credit Hours	125

Curriculum

Course	Title	Credits
First Year		
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
CSC 101	Introduction to the Computer Science Profession	1
CSC 170 & 170L	Computer Programming I and Computer Programming Laboratory I	4
ENG 101	College English I	3
MTH 153	College Algebra & Trigonometry	3
PED 100	Fundamentals of Fitness for Life	1
CSC 260 & 260L	Computer Programming II and Computer Programming II Laboratory	4
MTH 184	Calculus I	4
ENG 102	College English II	3
HED 100	Personal and Community Health	2
Social Science Elective		3
HIS 101	History of World Societies II	
HIS 103	United States History Since 1865	
BUS 175	Introduction to Business & Entrepreneurship	
ECN 200	Basic Principles of Economics	
SOC 101	Introduction to the Social Sciences	
Credits		30
Second Year		
SEM 102	Spartan Seminar 102	1
CSC 372	Data Structures	3
Laboratory Science Elective	Select any course with lab	4
PHY 152 & 152L	General Physics and General Physics Laboratory I	
CHM 221 & 221L	General Chemistry I and General Chemistry I Laboratory	
BIO 110 & 110L	General Biology and General Biology Laboratory	
MTH 251	Calculus II	4
MTH 371	Discrete Mathematical Structures	4

CSC 268	Computer Organization	3
CSC 295	Java Applications Programming	3
CSC 275	Fundamentals of Cybersecurity	3
ENG 303	Professional & Technical Writing	3
ENG 285	Public Speaking	3
Credits		31

Third Year

CSC 292	Unix and C Programming	3
CSC 380	Software Engineering	3
CSC 430	Data Communications	3
MTH 351	Probability & Statistics I	3
Select any Science Course with Lab		4
PHY 152 & 152L	General Physics and General Physics Laboratory I	
CHM 221 & 221L	General Chemistry I and General Chemistry I Laboratory	
BIO 110 & 110L	General Biology and General Biology Laboratory	
CSC 449	Cryptography and Network Security	3
Humanities Elective	Select any one of the following:	3
ENG 207	Introduction to World Literature	
FIA 201	Basic Art Appreciation	
MUS 301	Music Appreciation	
CSC 420	Database Principles and Design	3
CSC 361	Survey of Programming Languages	3
CSC 435	Computer Security I	3
Credits		31

Fourth Year

CSC 445	Computer Network Defense	3
CSC 498	Computer Science Seminar I	2
CSC 464	Operating Systems	3
Computer Science Elective 300 Level or above		3
CSC 313	Network Administration	3
Social Science Cultural Elective		3
HIS 335	African-American History	
HIS 336	African-American History Since 1865	
HIS 371	Modern African History & Cultures 1600-PRESENT	
HRP 320	African American Health	
CSC 468	Computer Architecture	3
CSC 499	Computer Science Seminar II	2
CSC 494	Digital Forensics	3
Humanities Cultural Elective		3
ENG 383	African-American Literature, 1940-PRESENT	
MUS 234	African-American Music	
Credits		28
Total Credits		120