

COMPUTER SCIENCE, BACHELOR OF SCIENCE (DNIMAS) 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	53
Electives	27
Other Requirements	0
Total Credit Hours	120

Curriculum

Course	Title	Credits
First Year		
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
APS 110	Applied Science Seminar	0
APS 111	Applied Science Seminar	0
PHY 160	University Physics I	4
PHY 160L	University Physics Laboratory I	1
PHY 161	University Physics II	4
PHY 161L	University Physics Laboratory II	1
CSC 101	Introduction to the Computer Science Profession	1
CSC 170	Computer Programming I	3
CSC 170L	Computer Programming Laboratory I	1
MTH 184H	Honors Calculus I	4
MTH 251H	Honors Calculus II	4
CSC 260	Computer Programming II	3
CSC 260L	Computer Programming II Laboratory	1
Credits		29
Second Year		
APS 211	Applied Science Seminar	0
APS 210	Applied Science Seminar	0
CSC 268	Computer Organization	3
SEM 201	Spartan Seminar 201	1
CSC 295	Java Applications Programming	3
MTH 252	Calculus III	4
MTH 371	Discrete Mathematical Structures	4
CHM 221	General Chemistry I	3
CHM 221L	General Chemistry I Laboratory	1
CHM 222	General Chemistry II	3
CHM 222L	General Chemistry II Laboratory	1
ENG 101H	Honors College English I	3
ENG 102H	Honors College English II	3
Credits		29
Third Year		
CSC 200	Advanced Computer Concepts	3

XXX XXX	Foreign Language Elective	3
HED 100	Personal and Community Health	2
PED 100	Fundamentals of Fitness for Life	1
APS 310	Applied Science Seminar	0
APS 311	Applied Science Seminar	0
CSC 372	Data Structures	3
CSC 361	Survey of Programming Languages	3
CSC 380	Software Engineering	3
ENG 303	Professional & Technical Writing	3
ENG 285H	Honors Public Speaking	3
MTH 351	Probability & Statistics I	3
XXX XXX	Free Elective	2

Credits **29**

Fourth Year

APS 411	Applied Science Seminar	0
XXX XXX	CSC or Math Electives (300 Level or Above)	6
XXX XXX	Social Science Cultural Elective	3
XXX XXX	Computer Science Elective (300 Level or Above)	6
XXX XXX	Humanities Cultural Elective	3
CSC 430	Data Communications	3
CSC 464	Operating Systems	3
CSC 468	Computer Architecture	3
CSC 498	Computer Science Seminar I	1
CSC 499	Computer Science Seminar II	2

Credits **30**

Total Credits **117**