

INFORMATION TECHNOLOGY, BACHELOR OF SCIENCE

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		
CSC 101	Introduction to the Computer Science Profession	1
ITE 111	Information Technology Principles	3
CSC 170 & 170L	Computer Programming I and Computer Programming Laboratory I	4
CSC 260 & 260L	Computer Programming II and Computer Programming II Laboratory	4
ENG 101	College English I	3
ENG 102	College English II	3
HED 100	Personal and Community Health	2
MTH 153	College Algebra & Trigonometry	3
MTH 184	Calculus I	4
PED 100	Fundamentals of Fitness for Life	1
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
Credits		30

Second Year

SEM 201	Spartan Seminar 201	1
ITE 195	Introduction to Internet Programming	3
ITE 211	Information Technology Operating Systems	3
CSC 268	Computer Organization	3
ITE 311	Fundamentals of Networking	3
CSC 360	Interface Design	3
MTH 371	Discrete Mathematical Structures	4
Select Laboratory Sequence of Biology, Chemistry or Physics of the following:		8

Biology

BIO 110	General Biology	
BIO 110L	General Biology Laboratory	
BIO 111	General Biology II	
BIO 111L	General Biology II Laboratory	

Chemistry

CHM 221	General Chemistry I	
CHM 221L	General Chemistry I Laboratory	
CHM 222	General Chemistry II	
CHM 222L	General Chemistry II Laboratory	

Physics

PHY 152	General Physics	
PHY 152L	General Physics Laboratory I	
PHY 153	General Physics	
PHY 153L	General Physics Laboratory II	
Select one Concentration Electives (p. 1)		3
Credits		31

Third Year

CSC 380	Software Engineering	3
CSC 420	Database Principles and Design	3
CSC 435	Computer Security I	3
IMT 244	Industrial Specification & Technical Documentation	3
MTH 250	Elementary Statistics Concepts	3
ENG 285	Public Speaking	3
Select two Concentration Electives (p. 1)		6
XXX XXX	Humanities Elective	3
XXX XXX	Social Science Elective	3
Credits		30

Fourth Year

CSC 498	Computer Science Seminar I	1
CSC 499	Computer Science Seminar II	2
IMT 303	Internship in Technology	3
IMT 413	Project Management	3
XXX XXX	CSC Elective (300 level or above)	3
Select two Concentration Electives (p. 1)		6
XXX XXX	Humanities Cultural Elective	3
XXX XXX	Free Electives	5
XXX XXX	Social Science Cultural Elective	3
Credits		29
Total Credits		120

Concentration Electives

Code	Title	Credits
MIS 410	Systems Analysis and Design	3
CSC 292	Unix and C Programming	3
CSC 312	Topics in Information Technology	3
CSC 313	Network Administration	3
CSC 314	Advanced Internet Programming	3
CSC 411	Web Server Administration	3
CSC 422	Database Implementation	3
CSC 432	Wireless Data Networking	3
CSC 445	Computer Network Defense	3
CIT 336L	Computer Networks Technology I Lab	1
CIT 436 & 436L	Computer Network Technology II and Computer Networks Technology II Lab	4