NOVA SOUTHEASTERN UNIVERSITY | NSU Florida

COLLEGE OF COMPUTING AND ENGINEERING
DEGREE CURRICULUM SHEET | 2024-2025 CATALOG
Bachelor of Science - Information Technology

FIRST YEAR SEMINAR		
Course	**Credits**	**Frequency**
UNIV 1000: First Year Seminar	3	
Total First Year Seminar Credits	**3**	

GENERAL EDUCATION REQUIREMENTS		
Area/Course	**Credits**	**Frequency**
Written Composition		
6 credits at or above COMP 1500		
COMP 1500 College Writing	3	FW
COMP 2000 Advanced College Writing	3	FW
Mathematics		
6 credits at or above MATH 1040		
satisfied by major	3	FW
satisfied by major	3	FW
Arts & Humanities		
6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language		
Open Arts & Humanities	3	FW
Open Arts & Humanities	3	FW
Social & Behavioral Sciences		
6 credits in PSYC, SOCL, ANTH, ECN, COMM, GEOG, GEST, INST, POLS		
Open Social & Behavioral Sciences	3	FW
Open Social & Behavioral Sciences	3	FW
Science		
6 credits in BIOL, MBIO, CHEM, SCIE, ENVS, PHYS		
Open Science	3	FW
Open Science	3	FW
Total General Education Credits	**30**	

OPEN ELECTIVES	
Take 38 elective credits	38
Total Open Electives Credits	**38**

* These courses can be counted only once, either as a core course or as a major elective; only 3 credits of each of these courses may be applied to the major.

Frequency Key: F-Every Fall; W-Every Winter; FO - Odd Year Fall; FE - Even Year Fall; WO - Odd Year Winter; WE - Even Year Winter

MAJOR PREREQUISITES		
Course	**Credits**	**Frequency**
MATH 1200 Precalculus Algebra (or higher)	3	FW
MATH 2020 Applied Statistics	3	FW
Total Major Requirements Credits	**6**	

REQUIREMENTS			
Course		**Credits**	**Frequency**
CSIS 1800 Introduction to Computer and Info. Sciences		3	FW
CSIS 2000 Introduction to Database Systems		3	W
CSIS 2101 Fundamentals of Computer Programming		4	FW
CSIS 3020 Web Programming and Design		3	F
CSIS 3023 Legal and Ethical Aspects of Computers		3	F
CSIS 3500 Networks and Data Communication		3	F
CSIS 4010 Computer Security		3	F
CSIS 4311 Web Services and Systems		3	W
CSIS 4351 Human-Computer Interaction		3	W
CSIS 4501 Wireless Network Infrastructures		3	W
TECH 4900 Directed Project*	*or*	3	FW
TECH 4950 Internship in Technology*		3	FW
Total Major Core Requirements Credits		**34**	

ELECTIVES	
Select any 15 credits from any of TECH, and CSIS.	
Total Major Elective Credits	**15**

TOTAL CREDITS: 120

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Freshman Year			
Fall		**Winter**	
Course	Credits	Course	Credits
UNIV First Year Seminar	3	Open Written Communication	3
Open Arts & Humanities	3	Open Arts & Humanities	3
MATH 1200 Precalculus Algebra (or higher)	3	MATH 2020 Applied Statistics	3
CSIS 1800 Introduction to Computer and Information S	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	**15**	**Total Credits**	**15**
Sophomore Year			
Fall		**Winter**	
Course	Credits	Course	Credits
Open Written Communication	3	CSIS 2000 Introduction to Database Systems	3
Open Science	3	CSIS 4351 Human-Computer Interaction	3
Open Social & Behavioral Sciences	3	Major Elective	3
CSIS 2101 Fundamentals of Comp. Programming	4	Open Elective	3
Open Elective	2	Open Elective	3
Total Credits	**15**	**Total Credits**	**15**
Junior Year			
Fall		**Winter**	
Course	Credits	Course	Credits
CSIS 3500 Networks and Data Communication	3	Open Social & Behavioral Sciences	3
CSIS 3020 Web Programming and Design	3	Open Science	3
Major Elective	3	CSIS 4311 Web Services and Systems	3
Open Elective	3	Major Elective	3
Open Elective	3	Open Elective	3
Total Credits	**15**	**Total Credits**	**15**
Senior Year			
Fall		**Winter**	
Course	Credits	Course	Credits
CSIS 4010 Computer Security	3	Tech 4900 Directed Project or TECH 4950 Internship	3
CSIS 3023 Legal and Ethical Aspects of Computers	3	CSIS 4501 Wireless Network Infrastructures	3
Major Elective	3	Major Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	**15**	**Total Credits**	**15**
TOTAL CREDITS: 120			

**This sample plan is based on the student starting at least at the level of MATH 1200: Pre calculus Algebra. The plan will need to be adjusted for students who begin at a lower level of MATH.*