## 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 | CSIS 2101 Fundamentals of Comp. Programming | 4 |
| Open Elective | 3 | Open Elective | 2 |
| **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 | Open Elective | 3 |
| Open Social & Behavioral Sciences | 3 | Open Science | 3 |
| CSIS 3023 Legal and Ethical Aspects of Computers | 3 | CSIS 3001 Introduction to Cybersecurity | 3 |
| CSIS 3020 Web Programming and Design | 3 | Open Social & Behavioral Sciences | 3 |
| **Total Credits** | **15** | **Total Credits** | **15** |

## Junior Year

| Fall | | Winter | |
|---|---|---|---|
| Course | Credits | Course | Credits |
| CSIS 3500 Networks and Data Communication | 3 | CSIS 4351 Human-Computer Interaction | 3 |
| CSIS 4010 Computer Security | 3 | Open Elective | 3 |
| TECH 3300 System Analysis and Design | 3 | Major Elective | 3 |
| TECH 4200 Cybersecurity Operation Management | 3 | TECH 4220 Cybersecurity Governance | 3 |
| Open Elective | 3 | CSIS 3320 Technology Project Management | 3 |
| **Total Credits** | **15** | **Total Credits** | **15** |

## Senior Year

| Fall | | Winter | |
|---|---|---|---|
| Course | Credits | Course | Credits |
| TECH 4240 Cybersecurity Auditing | 3 | TECH 4900 Directed Project or TECH 4950 Internship | 3 |
| Major Elective | 3 | Major Elective | 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.*

NOVA SOUTHEASTERN UNIVERSITY | NSU Florida

**COLLEGE OF COMPUTING AND ENGINEERING**
**DEGREE CURRICULUM SHEET | 2023-2024 CATALOG**
**Bachelor of Science - Cybersecurity Management**

### FIRST YEAR SEMINAR

| Course | Credits | Frequency |
|---|---|---|
| UNIV 1000: First Year Seminar | 3 | |
| **Total First Year Seminar Credits** | **3** | |

### MAJOR PREREQUISITES

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

### 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** | |

### 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 3001 Introduction to Cybersecurity | 3 | W |
| 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 4351 Human-Computer Interaction | 3 | W |
| TECH 3300 Systems Analysis and Design | 3 | F |
| TECH 3320 Technology Project Management | 3 | W |
| TECH 4200 Cybersecurity Operation Management | 3 | F |
| TECH 4220 Cybersecurity Governance | 3 | W |
| TECH 4240 Cybersecurity Auditing | 3 | F |
| TECH 4900 Directed Project*                    *or* | 3 | FW |
| TECH 4950 Internship in Technology* | 3 | FW |
| **Total Major Core Requirements Credits** | **46** | |

### ELECTIVES

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

### OPEN ELECTIVES

| | Credits |
|---|---|
| Take 26 Open elective credits | 26 |
| **Total Open Electives Credits** | **26** |

\* 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*

**TOTAL CREDITS: 120**