Programs

Cybersecurity, B.S.

(51 credits)

The Bachelor of Science in Cybersecurity, under the Tagliatela School of Business and Leadership, is designed for students interested in studying the dynamic field of cybersecurity through a semi-technical framework. By combining technical and non-technical coursework, as well as the study of essential criminal justice models, students engage in a holistic and interdisciplinary approach to cyber security education. The curriculum fosters the development of skills required to work within and between organizations to protect data, maintain security and respond to incidents within a legal and ethical context. (Note: enrollment in the Cybersecurity major requires use of an online, virtual cybersecurity lab which requires students to purchase an annual subscription)

Upon completing the program of study in Cybersecurity, students will:

- Exhibit basic competencies in interpersonal skills, oral and written communication, leadership, and teamwork appropriate for the business world.
- Acquire and apply basic knowledge in the student's chosen field.
- Integrate the functional components of business into a workable whole.
- Illustrate the ability to apply critical thinking and reasoning skills and to utilize effective problem solving techniques.
- Demonstrate an awareness and appreciation for cultural, ethical, and responsible behaviors in a global world.

MAJOR REQUIREMENTS

REQUIRED CORE (51 credits)

CIS 112	Introduction to Cybersecurity
CIS 150	
CIS 160	
CIS 221	Security Auditing and Risk Assessment
CIS 231	Legal Issues in Cybersecurity
CIS 240	
CIS 250	
CIS 270	Linux Operating System
CIS 282	Computer Networks

CIS 320	Computer Forensics I
CIS 330	Issues in Computer Ethics
CIS 331	Incident Management and Response
CIS 385	Information Systems Security
CJ 111	Introduction to the Criminal Justice System
CJ 338	
CJ 345	Criminal Law and Procedure

Select one (3 credits):

CIS 380	Internship
CIS 393	Senior Computer Project