Cybersecurity Bachelor of Science Completion Program

Degree Type
Bachelor of Science
Environment
online
Program Length
52 weeks
Overview
The Cybersecurity program prepares information security professionals with the knowledge and skills needed to protect systems and information against an evolving landscape of potential hazards. The program extends an introduction to technology and its use in the information technology industry and builds to prepare you to apply information security standards and practices to a variety of data systems. You will gain experience with the basics and complexities of Windows and Linux operating systems, networking, server virtualization, and containers. You will then explore how to apply this knowledge to develop a comprehensive information security program plan. Through close study of vulnerability assessments, threat detection, incident response, recovery plans, information assurance, and compliance with applicable rules, the curriculum will equip you to execute hands-on projects that reinforce your technical skills and their implementation across practical systems and scenarios.
Objective
Bachelor's Objective Our goal is to provide you with knowledge and practical skills to prepare you for entry-level industry positions in the field of cybersecurity. In addition to gaining a foundational understanding of security planning, implementation and system life cycles, you will understand how to identify threats, respond to incidents, and protect information assets. While building your technical proficiency, your education will help you develop critical-thinking, problem-solving, and analytical skills that will contribute to lifelong learning, providing you with tools to help sustain a long and productive professional career in the cybersecurity and information technology industries.

Students enrolling in this completion program will also complete the Information Technology Associate of Science degree program. Apply today to get started.

Month 1

Code	Title	Credit Hours
CYB3011	Introduction to Cryptography	3.0
ENC3110	Technical Writing	4.0

Month 2

Code	Title	Credit Hours
CYB3215	Identity and Access Management	3.0

Month 3

Code	Title	Credit Hours
CYB3311	Security Compliance and Privacy	3.0
CYB3355	Threat Intelligence and Defense	3.0

Month 4

Code	Title	Credit Hours
CYB349	Project and Portfolio IV: Cybersecurity	3.0

Month 5

Code	Title	Credit Hours
CTI4001	Network Security and Software	4.0

Month 6

Code	Title	Credit Hours
CTI3933	Securing Systems and Data	3.0

Month 7

Code	Title	Credit Hours
CYB3612	Software Security	3.0
STA3300	Data Visualization	4.0

Month 8

Code	Title	Credit Hours
CYB359	Project and Portfolio V: Cybersecurity	3.0

Month 9

Code	Title	Credit Hours
CYB3841	Information Assurance and Compliance	3.0
HUM302	Cultural Studies	4.0

Month 10

Code	Title	Credit Hours
CYB4381	Threat Protection and Testing	3.0

Month 11

Code	Title	Credit Hours
CYB4781	Cyber Crime and Incident Response	4.0

Month 12

Code	Title	Credit Hours
CYB469	Project and Portfolio VI: Cybersecurity	3.0

Month 13

Code	Title	Credit Hours
CYB479	Project and Portfolio VII: Cybersecurity	3.0
CRR4000	Career Readiness	4.0
	Total Credit Hours	**60**

Please Note

- The approved program is a degree completion program. Entering students must have a related associate degree or higher level degree and must complete at least 60 semester hours for a total of 120 credit hours.