

CYBER SECURITY ASSOCIATE IN SCIENCE DEGREE

Division: Business and Computer Information Systems

PROGRAM CODE: 2S40795

The **Cyber Security Associate in Science Degree** provides the skills for students to become highly skilled computer systems security professionals and to train individuals for entry-level positions as data security analyst, systems security administrators, and network security administrators. In this program, students will master the latest security technologies and will examine the issues of information security awareness, network security hardware, systems and network security planning and defense, network security organization, and the legal and ethical issues associated with cybersecurity. This degree requires 34 units in the major, in addition to other degree requirements.

Code	Title	Units
Required Courses (34 units)		
CIS 107 F	Introduction to Operating Systems	3
CIS 180 F	Introduction to Networking Concepts	4
CIS 290 F	Linux and UNIX Operating System	3
CYBR 100 F	Cyber Hygiene	3
CYBR 106 F	Introduction to Cybersecurity	3
CYBR 206 F	Ethical Hacking	3
CYBR 210 F	Network Security	3
CYBR 220 F	Introduction to Incident Response	3
CYBR 230 F	Scripting Fundamentals	3
CYBR 233 F	Application Security	3
CYBR 290 F	Management of Info Security	3
Total Units		34

Outcome 1: Use a working vocabulary of cyber-security terminology.

Outcome 2: Assess and implement continuous network monitoring and provide real-time security solutions.

Outcome 3: Assess cyber-security risk management policies in order to adequately protect an organization's critical information and assets.

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