PROGRAM OVERVIEW

Qualified cybersecurity professionals are in demand. Recent research from McAfee estimates that cyber criminals take trillions from the world economy every year. With MACU's B.S. in Cybersecurity, you can play a key role in preventing these crimes and keeping individuals and businesses safe.

With MACU's accredited degree, you'll gain knowledge about this growing threat and learn how to use the latest tools to address it. Our cybersecurity program provides the skills you need for success as an entry-level information systems and cybersecurity professional. You will be prepared to:

- **Identify the security needs of information systems**
- **Implement and maintain security solutions**
- **Identify security issues in a legal context**
- **Use countermeasures to fight back against hackers**
- **Conduct security audits**
- **Examine risks to the security of information systems**

MACU's B.S. in Cybersecurity is specifically designed to prepare you for multiple certifications, including the Cisco Certified Entry Networking Technician (CCENT) and CompTIA CYSA+ Certification Exams.

PROGRAM COSTS

Courses in MACU's Cybersecurity degree program cost $435/credit hour for lower division (University Core) classes and $499/hour for upper division (Major) classes.

CAREER OUTLOOK

Employment of information security analysts is projected to grow 33 percent from 2020 to 2030, much faster than the average for all occupations.

This median annual wage for information security analysts was $103,590 in May 2020, which was higher than the median annual wage for all occupations of $41,950. Top jobs include:

- Chief Information Security Officer (CISO)
- Cryptologist
- Cyber Crime Analyst/Investigator
- Penetration and Vulnerability Tester
- Security Management Specialist

ACCREDITATION

MACU is accredited through the Higher Learning Commission (HLC) of the North Central Association of Colleges and Schools (NCA).

UNIVERSITY CORE *(46 hrs.)*

Specific courses within the University Core are listed in the University catalog.

Bible/Theology (12 hrs.)
Communication (9 hrs.)
U.S. History and Government (6 hrs.)
Science (6 hrs. plus 1 hr. of lab)
Math (3 hrs.)
Social Sciences (3 hrs.)
Humanities (6 hrs.)

REQUIRED PRIOR TO MAJOR COURSES *(6 hrs.)*

BUAD 2503 Business and Professional Communications
MGMT 2103 Business Software Applications

MAJOR REQUIREMENTS *(54 hrs.)*

Cybersecurity Major
CMSC 1203 Foundations of Programming
CMSC 3123 Working with Data Structures
CYBR 3003 Securing Information
CYBR 3103 Risk Management and IT Security
CYBR 3203 Network Communications, Infrastructure, and Technology
CYBR 3303 Authorization and Access Security
CYBR 3503 Securing Windows
CYBR 4303 Hacking Techniques and Countermeasures
CYBR 4403 An Introduction to Cybercrime Forensics
CYBR 4503 Cloud Security
CYBR 4993 Cybersecurity Analyst
MISE 1103 Hardware and Software Environment
MISE 1203 Basics of Networking
MISE 2103 Client-Server Networks I
MISE 2203 Physical Networks
MISE 2303 Client-Server Networks II
MISE 4213 Configuring Email and Web Services
MISE 4513 Advanced Networks (Routing and Switching)

ELECTIVES *(16 hrs.)*

Choose sixteen (16) hours from any area to meet the required minimum 122-hour requirement for your bachelor's degree.

TOTAL REQUIRED HOURS: 122

Want to speak to an Enrollment Counselor about earning your degree?

Contact MACU Today!
Email: enroll@macu.edu
Phone: 888-888-2341
Website: www.macu.edu

CHRISTIAN
Not just in our name, it's who we are

AFFORDABLE
With federal financial aid and payment plans, we make it possible

PRACTICAL
Earn college credit for your work and prior learning experiences. Plus, apply what you learned in class at work the next day

CONVENIENT
Attend one class every five weeks and choose 100% online or one night on ground a week

ACCREDITED
Regional accreditation means we are transfer friendly

PERSONAL
Our staff and faculty know who you are and where you want to go