Master of Science in
Cybersecurity

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Program Overview

Help protect and defend businesses and individuals against malicious cyberattacks with our online Master of Science in Cybersecurity. Faculty with extensive global experience will teach the technical and soft skills required of today's cyber security professionals.

- Develop marketable knowledge and hands-on experience in IS/IT security, cloud security, network security, forensic investigations, incident response, and more.
- Work with active cyber security professionals and leverage real data via cloud-based labs to tackle cyber security challenges.
- Learn to design, implement and assess security solutions that address the security, risk and compliance requirements of today's digital businesses.
- Learn to lead and effectively communicate security threats and vulnerablilities to senior stakeholders in your organization.
- Prepare for certifications, including CISSP, AWS, CEH, CND, Cisco CCNA and CCNP Security.

A Degree Tailored to Your Experience

- Looking to transition to cyber security from another industry? Get up to speed on system analysis, enterprise networks, and ethical hacking with our foundation courses
- Alternatively, if you have an IT background or computer science dgeree, round out your degree with our available electives

18
months to complete

30
Credit Hours

7
7-Week Courses

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Degree Requirements (30 credits)

The online Master of Science in Cybersecurity provides cross-platform and individualized pathways focusing on experiential learning. Courses are geared towards expanding your knowledge through real-world coursework, cloud-based labs, and direct interactions with our faculty of active cyber security experts.

Required Courses (30 Credits)

CYB 501	System Analysis and Instrumentation
CYB 502	Cybersecurity Ethics and Crime
CYB 511	Foundations of Ethical Hacking
CYB 512	Networks
CYB 515	Security
CYB 516	Advanced Cybersecurity Threats
CYB 517	Digital Forensics
CYB 518	Enterprise Risk Management
CYB 520	Cloud Security
CYB 535	Cybersecurity Operations - Capstone

Courses and requirements are subject to change. For current course requirements, go to www.sbu.edu/graduate and click on the Graduate Catalog link.

Entrance Criteria

1. Completed application for admission
2. Undergraduate transcripts with a GPA of 2.5 or higher
3. A resumé
4. A baccalaureate degree in computer science, cybersecurity, or a similar/relevant field
5. No GRE/GMA required

Apply to the Master of Science in Cybersecurity program today at **www.sbu.edu/apply**.

Interested in learning more about St. Bonaventure University?

Shaped by its values of compassion, wisdom and integrity and ranked No. 6 for value and No. 14 for innovation in the North by U.S. News & World Report, St. Bonaventure — located in beautiful Western New York — is a transformative community committed to academic excellence and civic engagement. **Scan the QR code to learn more.**

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