Securing the Future Together, Cultivating the Cybersecurity Leaders of Tomorrow

Ready to shape the future of cybersecurity? Our program is dedicated to fostering leaders who are committed to innovation and forward-thinking strategies. We empower aspiring professionals with a rigorous curriculum and practical experiences in the context of a business program, preparing them to both secure digital landscapes and lead teams in the future.

In today's digital age, constant digital threats pose risks to individuals, corporations, and government systems. Advanced cyber threats are omnipresent, demanding proactive measures to counter these challenges. In this program, students will learn how to anticipate and counteract evolving cyber threats, in addition to fundamental IT skills that are essential for cybersecurity roles in the 21st century.

New in 2025! - Reduced Credit 3-Year Program
Looking to earn your degree faster while saving on tuition? Our Reduced Credit 3 Year Programs* offer streamlined pathways to graduation, allowing you to complete your studies efficiently without sacrificing quality. A traditional bachelor's degree requires a minimum of 120 credits whereas these programs are 95 credits. Whether you're looking to advance in your career or transition into a new field, these programs provide the flexibility and support you need.

Features of the Cybersecurity Program
Cybersecurity Boom: There is a soaring demand for cybersecurity professionals and the potential earnings. In addition, the field has a zero-percent unemployment rate and a substantial number of unfilled positions. There are high future salaries as well – $68k for entry-level cybersecurity professionals, with a median annual salary of $102,527 after gaining experience and additional certifications.

Industry Preparedness: Graduates armed with both cybersecurity and IT skills, are positioned for entry-level roles and future career growth with various industry certifications (Certified Ethical Hacker, Certified Information Systems Security Professional, and Certified Forensic Examiner)

Hands-On Experiences: Sudents tackle real-world cybersecurity challenges through courses like "Modern Cybersecurity" and "Cyber Forensics." They will learn programs like Wireshark for network security, Metasploit and Snort for network protection, and password management tools such as LastPass and 1Password.

EXCELLENT JOB PLACEMENT RECORD
There is a soaring demand for cybersecurity professionals and potential earnings. In addition, there is a zero percent unemployment rate, along with substancial numbers of unfilled positions!

- Cybersecurity Analyst
- Benefits Specialist Manager
- Information Security Consultant
- Ethical Hacker/Penetration Tester (PenTester)
- Security Architect
- Incident Responder
- Security Software Developer
- Cryptographer
- Security Compliance Analyst
- Forensic Computer Analyst
- Security Operations Center (SOC) Analyst

MAJOR	CORE	MINOR	ELECTIVES

FRESHMAN YEAR

FALL Courses		SPRING Courses	
FYS 100 First Year Seminar	3	ENG 120 College Research Writing	3
ENG 110 Intro to College Writing	4	Human Connection Core	3
COM 105 Professional Presentations	3	Artistic Inquiry	3
MAT 105 Algebra I	4	ITS 101 Programming for Everyone I	3
ITS 240 Introduction to Cybersecurity	3	ITS 265 Career Navigation and Exploration	3
TOTAL	17 credits	**TOTAL**	15 credits

SOPHOMORE YEAR

FALL Courses		SPRING Courses	
Global Perspectives Core	3	Scientific Inquiry Core	3
BUS 205 Personal Finance	3	Civic Engagement Core	3
BUS 362 Principles of Management	3	ITS 440 Security Operations	3
ITS 102 Programming for Everyone II	3	ITS 441 Ethical Hacking	3
ITS 340 Network and System Security	3	PSY 103 Introductory Psychology	3
ITS 341 Cybercrime and Governance	3		
TOTAL	18 credits	**TOTAL**	15 credits

JUNIOR YEAR

FALL Courses		SPRING Courses	
ITS 450 The Future of Cybersecurity	3	ITS 494 Cybersecurity Capstone	3
ENG 419 Technical & Business Communication	3	ITS 498 Internship	3
Theology Course	3	BUS 335 Management Information Systems	3
Elective	3	COM 320 Organizational Comm & Behavior	3
Elective	3	Elective	3
TOTAL	15 credits	**TOTAL**	15 credits

UPDATED August 2025

Note: A three-year program is for internal illustration only. Students may opt to shorten their time through summer classes or lengthen their time by choosing a lighter semester schedule.

Mount Mary
UNIVERSITY