EXAMPLE FOUR-YEAR PLAN

CYBERSECURITY | 120 CREDITS

MAJOR	CORE	MINOR	ELECTIVES

FRESHMAN YEAR			
FALL Courses		**SPRING Courses**	
BUS 109 Data and Digital Literacy	3	ITS 240 Intro to Cybersecurity	3
ENG 110 Intro to College Writing	3	ENG 120 College Research Writing	3
SYM 110 Leadership for Social Justice	3	SEA 101 Search for Meaning	4
MAT 105 Algebra I	4	MAT 111 Algebra II	4
Oral Communication	3-4	History	2
TOTAL	16 credits	TOTAL	16 credits

SOPHOMORE YEAR			
FALL Courses		**SPRING Courses**	
BUS 209 Survey of Financial Accounting	3	PHI 334 Ethics Technology in Society	3
ITS 241 Modern Cybersecurity	3	BUS 362 Principles of Management	3
World Language	4	Behavioral Science	3
Literature	3	Major/Minor Elective	4
Science	3	Minor	3
TOTAL	15 credits	TOTAL	15 credits

JUNIOR YEAR			
FALL Courses		**SPRING Courses**	
BUS 375 Business Law	3	ITS 341 Cybercrime and Governance	3
BUS 303 International Business	3	Major Elective	3
ITS 340 Network and System Security	3	Theology	3
Fine Arts	3	Literature & Fine Arts	3
Behavioral Science/History	3	Minor	3
TOTAL	15 credits	TOTAL	15 credits

SENIOR YEAR			
FALL Courses		**SPRING Courses**	
ITS 440 Cyber Forensics	3	ITS 441 Ethical Hacking	3
Minor	3	BUS 335	3
Minor	3	Minor	3
Elective	3	Elective	3
		Elective	3

UPDATED MARCH 2024

This example four-year plan is intended to outline the number and types of courses a student might take in order to fulfill the degree, major, core and elective requirements to graduate. Students meet with their academic advisor each semester to review progress toward fulfilling their degree requirements.

Mount Mary UNIVERSITY

Sponsored by the School Sisters of Notre Dame

MOUNT MARY UNIVERSITY

CYBERSECURITY

SCHOOL OF ARTS & SCIENCES

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.

Introduction to Cybersecurity:

Begin your cybersecurity journey by exploring the fundamental concepts, terminology, and principles of safeguarding digital landscapes. Gain a comprehensive understanding of cybersecurity's pivotal role in protecting information and systems.

Cybercrime and Governance:

Delve into cyber law, ethics, and regulatory frameworks shaping digital landscapes. In this course, you'll also explore the intricate web of cybercrime, governance strategies, and the implications of cybersecurity practices.

Modern Cybersecurity:

Uncover the latest advancements in cybersecurity strategies, tools, and tactics. You'll engage with cutting-edge technologies and methodologies crucial for defending against cyber threats in today's dynamic digital terrain.

Network and System Security:

Immerse yourself in the intricate architecture of networks and systems, where you'll master techniques to protect against cyber intrusions. You'll also learn how to identify vulnerabilities and implement robust security measures to protect digital assets.

Cyber Forensics:

Learn the art of cyber investigation, evidence collection, and analysis to unravel data breaches. Gain hands-on experience in preserving digital evidence crucial for cybercrime investigations.

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