

BACHELOR OF SCIENCE IN BUSINESS (BSB) CYBERSECURITY



PROGRAM DESCRIPTION

Cybersecurity is critical to protecting organizational data, systems, and operations in an increasingly digital world. The Cybersecurity Management major concentration provides you with an in-depth understanding of how to identify, assess, and manage cybersecurity risks within business environments. You will learn how to evaluate security strategies, understand threats and vulnerabilities, and implement policies and practices that safeguard organizational assets. A major concentration in Cybersecurity Management is designed to prepare you to oversee and support security initiatives within a variety of industries. The demand for professionals who can manage cybersecurity within a business context continues to grow, but they must be well-rounded. The program includes our Cleary Mind™ curriculum along with business and technology courses. Career opportunities across industries are expanding as organizations prioritize risk management, data protection, and regulatory compliance, creating strong demand for professionals who can bridge cybersecurity and business operations.

LEARNING OUTCOMES

- Analyze a complex computing problem and apply information technology principles and other relevant disciplines to identify solutions.
- Design, implement, and evaluate an information technology-based solution to meet a given set of requirements in the context of the program's discipline.
- Use systemic approaches to select, develop, apply, integrate, and administer secure information technologies to accomplish user goals.

Graduates with a Bachelor of Science in Business majoring in Cybersecurity are prepared for careers such as:

- Cybersecurity Analyst
- Information Security Analyst
- IT Risk Analyst
- IT Auditor
- Security Operations Analyst
- Cybersecurity Consultant
- Risk Management Specialist
- Information Security Coordinator
- Cybersecurity Compliance Analyst
- Governance, Risk, and Compliance (GRC) Analyst
- Security Awareness and Training Specialist
- Cybersecurity Project Coordinator

THE EIGHT ATTRIBUTES OF THE CLEARY MIND™

The Cleary Mind™ defines who we are and sets us apart from other universities. Students, whether online or on campus, embrace its principles throughout their studies, shaping their approach to thinking, leading, and living. By graduation, they're not only job-ready but also excel as critical thinkers, problem solvers, communicators, and ethical leaders. Employers value Cleary graduates for exceeding expectations!



* The Key Attributes Employers Seek on Students' Resume, NACE Center, 11/30/17. The Top 10 Traits Employers Want in Business School Graduates, GoodCall, 8/17/18. College vs Business Training: What Do Employers Want?, Wharton, University of Pennsylvania, 2/11/16. 8 Essential Skills Every Employer Looks For In Recent Graduates, Inc 10/13/15. What Employers Really Look For in Recent College Graduates, USA Today, 7/22/15. What Employers Are Looking For When Hiring Recent College Grads, Forbes, 7/6/15. New College Grads: Who employers want to hire, CBS News Money Watch, 1/20/15. What Employers Want From MBAs This Year, Poets & Quants, 5/19/14. The 10 Skills Employers Most Want In 2015 Graduates, Rorbes, 11/12/14. What Employers Want, GraduateOpportunities.com



CYBERSECURITY CURRICULUM PATHWAY - SINGLE MAJOR BACHELOR OF SCIENCE IN BUSINESS (BSB)

		COURSE	CATEGORY	CREDITS
YEAR ONE	FALL	PLA 3000 Prior Learning Assessment Portfolio I	GE ELE	3
		COM 3200 Organizational Communication in a Global Environment	BSB Core	3
		MGT 4071 Organizational Behavior	BSB Core	3
Total Credits				9
YEAR ONE	SPRING	MGT 3400 Managing Projects and Processes in Organizations	BSB Core	3
		ITS 3050 Principles of Cybersecurity	Major	3
		MKT 2200 Introduction to Marketing	BSB Core	3
		ITS 3150 Cybersecurity Compliance	Major	3
		Total Credits		12
YEAR TWO	FALL	ITS 4150 Penetration Testing and Incident Response	Major	3
		ITS 4550 Digital Forensics	Major	3
		ITS 3065 Application and Integration of AI in Cybersecurity	Major	3
		LED 4900 Leadership Seminar	BSB Core	3
		Total Credits		12
		General Education (PLA)		
		Written and Oral Communications	GE ENG/COM	3
		Written and Oral Communications	GE ENG/COM	3
		Arts/Humanities	GE HUM	3
		Arts/Humanities	GE HUM	3
		Arts/Humanities	GE HUM	3
		Natural Sciences	GE NS	3
		Natural Sciences	GE NS	3
		Mathematics/Quantitative Reasoning	GE MTH	3
		Social and Behavioral Science	GE SS	3
		Social and Behavioral Science	GE SS	3
		Gen Ed Elective	GE ELE	3
Total Credits				33
		Electives (PLA)		
		ELE Elective Course	ELE	3
		ELE Elective Course	ELE	3
		ELE Elective Course	ELE	3
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Total Credits				54
TOTAL CREDITS				120