CYBERSECURITY MANAGEMENT

What can I do with this degree?

AREAS	EMPLOYERS	STRATEGIES

CYBERSECURITY TECHNOLOGY
Artificial Intelligence
Machine Learning
Automated and Adaptive Networks
Supercomputing

Apple
Federal & State Governments
Microsoft
Amazon
Financial services
Banking
Insurance
Consulting
Entertainment
Hospitality Healthcare
Nonprofit organizations

Seek broad exposure to business principles while honing statistics and quantitative skills.

Gain relevant experience through an internship.

Develop excellent information technology, database management, and programming skills.

Learn to use relevant software or tools such as Apache Hadoop, SQL, R, Python, and SPSS.

Earn industry certifications (e.g., SAS and Google).

Develop strong analytical skills and a logical approach to problem solving.

Conduct informational interviews with professionals to learn about various industries or functional areas because business analytics professionals can fit into a wide array of positions.

Consider earning a master's degree to qualify for advanced opportunities.

Stay aware of industry developments through professional societies and websites dedicated to business analytics, data mining, information technology, or other relevant topics.

AREAS	EMPLOYERS	STRATEGIES

INFORMATION RISK MANAGEMENT
Secure configurations
Network security
Managing user privileges
User education and awareness
Incident management
Malware prevention
Managing ICT systems and traffic
Data protection
Cybersecurity analysis
Network administration
Network analysis

Federal and state governments
Colleges/ Universities
Retail
Technology & software companies
Banking
Consulting
Healthcare

Develop strong analytical skills and a logical approach to problem solving. Skills in budgeting and cost management are also important.

Take courses in statistics, computer systems, or logistics.

Learn to manage multiple situations and problems. Be able to communicate effectively with different types of people in various functional areas.

Obtain additional certifications such as: C+, C++, Cloud, Java, Python, etc.

STRATEGIES FOR PLACEMENT IN CYBERSECURITY MANAGEMENT:

- Network with UB Alumni via LinkedIn for success stories and career journeys
- Join professional associations in order to increase networking opportunities.
- Consider looking at larger companies: local, national, and international companies for employment opportunities.
- Build a strong computer background in programming skills using several languages.
- Increase employment opportunities with an MBA or certifications.
- Gain related experience through internships, co-ops, or part-time employment.
- Develop excellent analytical, decision-making, and written and oral communication skills.
- Learn to work effectively on interdisciplinary teams and communicate data intensive information to colleagues.