

INFORMATION SECURITY AND CYBER LEADERSHIP, M.S.

This program educates a competent workforce with sophisticated communication, information, people, and technology skills to meet the demands of both the public and private sectors. The curriculum covers the knowledge and skills required for professionals to better understand and integrate the critical human and sociotechnical aspects of professional responsibilities associated with the complicated technology planning, applications, and management in cyber environments. Furthermore, the program fosters leadership qualities that allow students to step into administrative positions in cybersecurity and human-system integration environments.

Learning Outcomes

1. Analyze human information behavior and information security phenomena in cyber environments
2. Explain the structure of a cybersecurity system, implement the system, handle the system operations, and evaluate the system efficiency
3. Strategically analyze the external and internal environments of an organization to create and facilitate a human-systems integration process
4. Create teams for human-systems integration environments and facilitate team communication and coordination
5. Develop information policies and regulations for human-systems integration and cyber information security system environments