The M.S. in Cybersecurity Engineering program will have two options:

- Organization to develop, integrate and evaluate secure IT systems and services for any organization. To develop, integrate and evaluate secure IT systems and services for any organization. Technical systems need technical solutions—which is why the University of New Hampshire has launched a Master of Science in Cybersecurity Engineering.

- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

- Function effectively as a member or leader of a team engaged in IT activities.

- Apply security principles and practices to maintain operations in the presence of risks and threats.

The Thesis option consists of 10 courses (30 credits) including 6 credits of COMP 899 Master’s Thesis (counts as 2 courses) and requires you to research, write and defend a publishable-quality, graduate-level paper. The thesis track is designed for students who may be interested in pursuing further studies (i.e., a doctoral degree).

- One (1) 3-credit policy course from the following:
  - CPRM 810 Foundations of Cybersecurity Policy
  - CPRM 830 Security Measures I
  - CPRM 850 Security Measures II
  - CPRM 870 Cybersecurity Risk Management
  - CPRM 880 Cybersecurity Metrics and Evaluation

- Career Opportunities
  - Graduates of the Cybersecurity Engineering program are able to identify, analyze and respond to the complex information security threats and opportunities to apply your knowledge and skills to real-world scenarios and authentic project experiences.
  - With a greater emphasis on the collection and storage of big data, information security and cloud computing, the demand for cybersecurity engineers has never been higher. The M.S. in Cybersecurity Engineering gives you the technical skills and experience to meet that demand, preparing you to secure information, communications, networks and control systems for any organization.

- Requirements
  - The M.S. in Cybersecurity Engineering program will have two options:
    - The Capstone option requires the completion of 11 courses (33 credits). The capstone is a work-based project, internship experience or other appropriate activity that integrates the skills and knowledge you developed during the degree program, along with your past experiences, areas of specialization and professional goals. In consultation with an advisor, each student develops a project plan and prepares and delivers a final project agreed upon by the student and advisor.
    - The Thesis option consists of 10 courses (30 credits) including 6 credits of COMP 899 Master’s Thesis (counts as 2 courses) and requires you to research, write and defend a publishable-quality, graduate-level paper. The thesis track is designed for students who may be interested in pursuing further studies (i.e., a doctoral degree).