

# CYBERSECURITY MANAGEMENT GRADUATE CERTIFICATE

MBA 694	Seminar	
<b>Total Hours</b>		<b>12</b>

## General Graduate Program Requirements

Graduate School policies and standards can be found on the Graduate School Policies page (<https://catalog.umt.edu/graduate/school-policies/>).

The minimum GPA for any graduate program is 3.0. Individual programs may require more than a 3.0 to remain in good standing.

The minimum grade for a course to be accepted toward any requirement is C. Individual programs may require higher grades for specific courses.

## GRADUATE CERTIFICATE - CYBERSECURITY MANAGEMENT

- The Cybersecurity Management Graduate Certificate is designed to provide students with the technical and management skills necessary to work in the cybersecurity field.
- Students will use cybersecurity skills as a consultant or as an employee helping an organization to develop and implement a cybersecurity program or respond to security incidents. Students will explore a variety of knowledge areas of cybersecurity management and apply that knowledge in a project in the capstone course.
- The curriculum is based on the Core Knowledge Units developed by the National Security Agency (NSA) and the Department of Homeland Security (DHS). Students will gain skills in programming, networking technology & protocols, databases & analytics, probability & statistics, policy, legal, ethics, and compliance, cybersecurity fundamentals & practices, and cybersecurity management & planning.

## Course Requirements

Code	Title	Hours
<b>Complete all of the following courses:</b>		
BMIS 471	Fundamentals of Network & Security Management	3
BMIS 472	Advanced Network & Security Management	3
<b>Complete six credits of the following courses:</b>		<b>6</b>
BMGT 650	Business Ethics	
BMIS 465	Introduction to Real-time Data Analytics	
BMIS 476	Integrated Project Management for IS	
BMIS 575	Fundamentals of Consulting	
BMIS 601	Business Intelligence	
BMIS 625	Mining of Text & Unstructured Data	
BMIS 650	Quantitative Analysis	
BMIS 674	Management of Information Systems	
BMKT 642	Advanced Marketing Research	
BMKT 670	Applied Data Analytics	
BMKT 673	Advanced Applied Modeling	
BMKT 680	Big Data and Innovation	
MBA 655	Technology Seminar	