

# INFORMATION AND CONTROL ASSURANCE CERTIFICATE

BMIS 472      Advanced Network & Security Management  
**Total Hours** **18**

## General Certificate Requirements

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umt.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umt.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

## POST-SECONDARY CERTIFICATE - INFORMATION AND CONTROL ASSURANCE

- All students pursuing this certificate must also complete the degree requirements for one of the business majors.
- This program requires a GPA of 3.0 in the listed course requirements.

### Course Requirements

Code	Title	Hours
<b>Business Process and Control Domain</b>		
Complete all of the following courses:		
ACTG 305	Corporate Reporting I	3
ACTG 321	Accounting Information Systems I	3
<b>Assurance and Analytics Domain</b>		
Complete all of the following courses:		
ACTG 411	Auditing I	3
BMIS 326	Introduction to Data Analytics	3
<b>Professional Services Domain</b>		
Complete one of the following courses:		
ACTG 498	Internship (in information/control assurance – advisor approved)	3
BMIS 476	Integrated Project Management for IS	
BMIS 479	Introduction to Consulting	
BMIS 482	Big Data Project	
BMIS 498	Internship (in information/control assurance – advisor approved)	
<b>Expertise Domain</b>		
Complete one of the following courses:		
BGEN 445	Sustainability Reporting	3
BMIS 365	Business App Development	
BMIS 372	Information Infrastructures	
BMIS 373	Business System Analysis & Design	
BMIS 471	Fundamentals of Network & Security Management	