MARICOPA COMMUNITY COLLEGES®

GRAND CANYON UNIVERSITY™

Associate in Applied Science in Information Security – Bachelor of Science in Information Technology with an Emphasis in Cybersecurity

General Education requirements, excluding University Foundations and Christian Worldview, will be considered fulfilled in the event a student has completed one of the following Associate degrees:

- *Associate of Arts (AA)*
- *Associate of Science (AS)*

In the event a student has not earned one of the aforementioned Associate level degrees, all general education coursework will be required to complete GCU's Baccalaureate degree.

The following table outlines the requirements needed to receive an Associate in Applied Science in Information Security from Maricopa Community College. Within the tables below are preferred courses from Maricopa Community College that are applicable towards Grand Canyon University's transfer-oriented Bachelor of Science degree programs. The General Education courses outlined below are not course to course equivalencies, however they will fulfill the requirements for each competency. If the General Education GCU course has a (+) symbol, it indicates that the transferring course must be a direct course equivalency. All Program Major Transferrable Courses must be a direct course equivalency.

Maricopa Community Colleges – Associate in Applied Science in Information Security	Credits	Grand Canyon University – Bachelor of Science in Information Technology with an Emphasis in Cybersecurity	GCU Applied Semester Credits
General Education Requirements			
Effective Communication (9 - 12 Credits)			
ENG-101: First-Year Composition **OR** ENG-107: First-Year Composition for ESL	3	**+** ENG-105: English Composition	3
ENG-102: First Year Composition **OR** ENG-108: First-Year Composition for ESL	3	Effective Communication	3
Oral Communication	3	Effective Communication	3
Critical Thinking (11 – 12 Credits)			
MAT-150: College Algebra/Functions **OR** Equivalent or higher-level MA course	3 - 5	**+** MAT-154: Applications of College Algebra	3 - 5
Natural Sciences – Select one [SQ] course or one [SG] course with lab	4	Critical Thinking	4
		Critical Thinking	
Global Awareness (6 - 8 Credits)			
Social and Behavioral Sciences [SB]	3	Global Awareness	3
Humanities and Fine Arts [HU]	3	Global Awareness	3
Additional Maricopa Community Colleges Requirements			
CRE-101 or Equivalent as indicated by assessment	3	Elective Credit	3
BPC-170: A+ Exam Prep: Computer Hardware Configuration and Support	3	Elective Credit	3

Transfer Guide between
Maricopa Community Colleges and Grand Canyon University

Maricopa Community Colleges – Associate in Applied Science in Information Security	Credits	Grand Canyon University – Bachelor of Science in Information Technology with an Emphasis in Cybersecurity	GCU Applied Semester Credits
CIS-105: Survey of Computer Information Systems	3	Elective Credit	3
CIS-238++ Any UNIX/Linux Administration **OR** CIS-239DL: Linux Shell Scripting	3	Elective Credit	3
CIS-126DL: Linux Operating System	3	Elective Credit	3
ITS-110: Information Security Fundamentals	3	Elective Credit	3
ITS-120: Legal, Ethical and Regulatory Issues	3	Elective Credit	3
ITS-130: Operating System Security	3	Elective Credit	1
MST-150++ Any Microsoft Windows Operating System course	3	Does Not Apply to Program	
Restricted Electives	12 - 16	Does Not Apply to Program	
Bachelor of Science in Information Technology with an Emphasis in Cybersecurity: Program Major Transferrable Courses			
CNT-140AA: Introduction to Networks	4	ITT-116: Platforms and Network Technologies	4

Total Credit Hours Needed to Complete Associate of Science in Applied Science in Information Security at MCCCD	**62 - 71 Credits**
Total Semester Credit Hours applied to Bachelor of Science Information Technology with an Emphasis in Cybersecurity at Grand Canyon University	**48 Credits**

All students must meet 36 Upper Division credit requirement, as well as 30 GCU credits to meet residency requirement. Students must meet Upper Division credit requirement even if content of an Upper Division course requirement is met with a Lower Division course.

Symbol Key	
+	Symbol indicates the MCCCD course must meet specific content requirements (or higher) in order to fulfill GCU's course.
^	Symbol indicates the MCCCD course meets the content requirement but does not fulfill GCU's upper division requirements.

Course #	Bachelor of Science	Semester Credits
Non-transferable GCU General Education: 8 Credits		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
General Education Requirements		
	Critical Thinking	4
Bachelor of Science in Information Technology with an Emphasis in Cybersecurity: Program Major		
CST-111	Introduction to Computer Science and Information Technology	4
ITT-121	System Administration and Maintenance	4
ITT-270	Routing and Switching	4
ITT-307	Cybersecurity Foundations	4
SYM-400	Introduction to Database Structures	4
BIT-415	IT Project Management	4
ITT-370	Wireless Networks	4
ITT-340	Cybersecurity and Ethical Hacking	4
SYM-408	Relational Databases for Business Applications	4
ITT-415	IT Business Case Planning for Global Enterprise	4
ITT-430	Security Driven Systems Administration	4
ITT-375	Cyber Forensic Investigations	4
STG-390	Professionalism in Science & Technology-Communications, Conduct and Ethics	4
ITT-455L	IT Project	4
ITT-425	Analysis, Design, and Management of Secure Corporate Networks	4

Total Credit Hours Needed to Complete an Associate in Applied Science in Information Security at **Maricopa Community Colleges**	62-71 Credits
Credits Completed at Grand Canyon University	72 Credits
Credits completed at Grand Canyon University may fluctuate contingent upon coursework successfully completed at the transferring institution. Courses are not listed twice on the transfer guide, so any courses not completed at the transferring institution will still be required as part of the GCU program. Students are required to complete a minimum of 120 credits to earn the Bachelor of Science degree. If the student completes additional courses at the transferring institution, credits may not apply to their GCU program.	
Remaining open elective credits needed to earn Bachelor of Science degree at Grand Canyon University varies based on program major requirements.	

Total Credit Hours Needed to Complete Bachelor of Information Technology with an Emphasis in Cybersecurity at Grand Canyon University	**120 Credits**

For additional graduation requirements, please see the https://www.gcu.edu/sites/default/files/media/Documents/Academic-Catalog/University-Policy-Handbook.pdf.
Students with transfer credit that applies to this program will shorten the time to completion from that stated on this transfer guide. Please contact your Counselor for more information.
https://www.gcu.edu/sites/default/files/media/Documents/Academic-Catalog/University-Policy-Handbook.pdf
Effective 2019