Associate in Arts – 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)*
- *Associate in Business (ABUS)*
- *Associate General Education Curriculum (AGEC – A, B or S)*

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 Arts from Maricopa Community Colleges. Within the tables below are preferred courses from Maricopa Community Colleges that are applicable towards Grand Canyon University's transfer-oriented Bachelor of Science degree programs.

Maricopa Community Colleges – Associate in Arts (AA)	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)			
ENG101: First-Year Composition **OR** ENG107: First-Year Composition for ESL	3	**+** ENG-105: English Composition	3
ENG102: First Year Composition **OR** ENG108: First-Year Composition for ESL	3	ENG-106: English Composition II	3
Literacy & Critical Inquiry [L]	3	UNV-104: 21st Century Skills: Communication and Information Literacy	3
Critical Thinking (11 – 12 Credits)			
MAT150/151/152/155: College Algebra **OR** higher [MA] approved course	3 - 6	**+** MAT-154: Applications of College Algebra	3 - 6
Natural Sciences – Select one [SQ] course or one [SG] course with lab	4	PHI-105: 21st Century Skills: Critical Thinking and Problem Solving	4
Natural Sciences – Select one [SQ] course or one [SG] course with lab	4	BIO-220: Environmental Science	4
Global Awareness (6 - 8 Credits)			
Social and Behavioral Sciences [SB]	3	PSY-102: General Psychology	3
Social and Behavioral Sciences [SB]	3	SOC-100: Everyday Sociology	3
Additional Maricopa Requirements			
CRE101 or Equivalent as indicated by assessment	3	Elective Credit	3

Maricopa Community Colleges – Associate in Arts (AA)	Credits	Grand Canyon University – Bachelor of Science in Information Technology with an Emphasis in Cybersecurity	GCU Applied Semester Credits
Computer/Statistics/Quantitative Applications [CS]	3	Elective Credit	3
Awareness Areas – Select one [C] course and one [G] or [H] course	6	Elective Credit	6
Humanities and Fine Arts [HU] – Select any two courses	6	Elective Credit	6
COM110: Interpersonal Communication	3	Elective Credit	3
General Electives	13	Select a minimum of 13 credits (to optimize transfer to GCU major, reference "Program Major" table for applicable coursework)	13
Bachelor of Science in Information Technology with an Emphasis in Cybersecurity: Program Major Transferrable Courses			
CSC-180AA: Computer Literacy	3	CST-111: Introduction to Computer Science and Information Technology	3
CNT-140AA: Introduction to Networks	3	ITT-116: Platforms and Network Technologies	3
CIS-238: Advanced Unix System Administration	3	ITT-121: System Administration and Maintenance	3
CNT-150AA: Cisco Routing & Switching Essentials	3	ITT-270: Routing and Switching	3
CIS-270: Essentials of Network & Information Security	3	^ ITT-307: Cybersecurity Foundations	3
ITS-240: Ethical Hacking & Network Defense	3	^ ITT-340: Cybersecurity and Ethical Hacking	3
CIS-276DB: SQL Server Database	3	^ SYM-400: Introduction to Database Structures	3
Credits completed at MCCCD may exceed 60 if students choose to take all courses listed above.			

Total Credit Hours Needed to Complete Associate of Arts at MCCCD	60 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
Bachelor of Science in Information Technology with an Emphasis in Cybersecurity: Program Major		
BIT-415	IT Project Management	4
ITT-370	Wireless Networks	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-455	IT Project	4
ITT-425	Analysis, Design, and Management of Secure Corporate Networks	4

Total Credit Hours Needed to Complete an Associate in Arts – Maricopa Community Colleges	60 Credits
Credits Completed at Grand Canyon University	52 - 60 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 Science in 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

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