

# Transfer Guide between Maricopa Community Colleges and Grand Canyon University



## Associate in Arts – Bachelor of Science 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. 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 Arts (AA)	Credits	Grand Canyon University – Bachelor of Science in Cybersecurity	GCU Applied Semester Credits
<b>General Education Requirements</b>			
<b>Effective Communication (9 - 12 Credits)</b>			
ENG-101: First-Year Composition <b>OR</b> ENG-107: First-Year Composition for ESL	3	+ ENG-105: English Composition	3
ENG-102: First Year Composition <b>OR</b> ENG-108: First-Year Composition for ESL	3	Effective Communication	3
<b>Literacy &amp; Critical Inquiry [L]</b>	3	Effective Communication	3
<b>Critical Thinking (11 – 12 Credits)</b>			
MAT-150/151/152/155: College Algebra <b>OR</b> higher [MA] approved course	3 - 6	+ MAT-154: Applications of College Algebra	3 - 6
<b>Natural Sciences</b> – Select one [SQ] course or one [SG] course with lab	4	Critical Thinking	4
<b>Natural Sciences</b> – Select one [SQ] course or one [SG] course with lab	4	Critical Thinking	4
<b>Global Awareness (6 - 8 Credits)</b>			
<b>Social and Behavioral Sciences [SB]</b>	3	Global Awareness	3
		# CYB-420: Global Perspectives on Cyberwarfare	
<b>Additional Maricopa Requirements</b>			
CRE-101 or Equivalent as indicated by assessment	3	Elective Credit	3
<b>Computer/Statistics/Quantitative Applications [CS]</b>	3	Elective Credit	3

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<b>Social and Behavioral Sciences [SB]</b>	3	Elective Credit	3
<b>Awareness Areas</b> – Select one [C] course and one [G] or [H] course	6	Elective Credit	6
<b>Humanities and Fine Arts [HU]</b> – Select any two courses	6	Elective Credit	6
COM-110: Interpersonal Communication	3	Elective Credit	3
<b>General Electives</b>	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 Cybersecurity: Program Major Transferrable Courses

CSC-180AA: Computer Literacy	3	CST-111: Introduction to Computer Science and Information Technology	3
CNT-140AA: CISCO Networking Fundamentals	3	ITT-116: Platforms and Network Technologies	3
CNT-150AA: Cisco - Routing and Switching Essentials	3	ITT-270: Routing and Switching	3
CIS-270: Essentials of Network and Information Security	3	^ ITT-307: Cybersecurity Foundations	3
ITS-240: Ethical Hacking and Network Defense	3	^ ITT-340: Cybersecurity and Ethical hacking	3

Credits completed at MCCCDC may exceed 60 if students choose to take all courses listed above.

<b>Total Credit Hours Needed to Complete Associate of Arts at MCCCDC</b>	<b>60 Credits</b>
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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 MCCCDC course must meet specific content requirements (or higher) in order to fulfill GCU’s course.
^	Symbol indicates the MCCCDC course meets the content requirement but does not fulfill GCU’s upper division requirements.
#	Symbol indicates this course is a specified General Education course. This means the MCCCDC course must meet specific content requirements in order to fulfill GCU’s course requirement. Please be advised specified General Education coursework is not treated like other general education coursework and is not automatically waived upon completion of a transfer-oriented Associates degree.

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Course #	Bachelor of Arts	Semester Credits
<b>Non-transferable GCU General Education: 8 Credits</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>General Education Requirements</b>		
# CYB-420	Global Perspectives on Cyberwarfare	4
<b>Bachelor of Science in Cybersecurity: Program Major</b>		
CYB-201	Algorithms and Discrete Mathematics for Cybersecurity	4
ITT-210	Low Level Programming	4
ITT-121	System Administration and Maintenance	4
STG-390	Professionalism in Science & Technology-Communications, Conduct, and Ethics	4
CYB-220	Cyberlaw and Privacy in a Digital Age	4
ITT-375	Cyber Forensic Investigations	4
ITT-430	Security Driven Systems Administration	4
ITT-415	IT Business Case Planning for Global Enterprise	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.	

<b>Total Credit Hours Needed to Complete Bachelor of Science in Cybersecurity at Grand Canyon University</b>	<b>120 Credits</b>
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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