GRAND CANYON
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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 Arizona Western College. Within the tables below are preferred courses from Arizona Western College that are applicable towards Grand Canyon University's transfer-oriented Bachelor of Arts 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.

Arizona Western College– Associate in Arts (AA)	Credits	Grand Canyon University – Bachelor of Science in Cybersecurity	GCU Applied Semester Credits
General Education Requirements			
Effective Communication (9 - 12 Credits)			
ENG-101: Freshman Composition I	3	+ ENG-105: English Composition	3
ENG-102: Freshman Composition II	3	Effective Communication	3
		Effective Communication	
Critical Thinking (11 – 12 Credits)			
MAT-151: College Algebra - Standard	4	+ MAT-154: Applications of College Algebra	4
Physical and Biological Sciences	4	Critical Thinking	4
Physical and Biological Sciences	4	Critical Thinking	4
Global Awareness (6 - 8 Credits)			
Social and Behavioral Sciences	3	Global Awareness	3
		# CYB-420: Global Perspectives on Cyberwarfare	
Additional Arizona Western College Requirements			
Social and Behavioral Sciences	3	Elective Credit	3

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Arizona Western College– Associate in Arts (AA)	Credits	Grand Canyon University – Bachelor of Science in Cybersecurity	GCU Applied Semester Credits
Arts/Humanities – Select at least one course from the Arts list and one course from the Humanities list.	6	Elective Credit	6
Additional Credits – Select one Cultural [C] course and one Global [G] or Historical [H] course	6	Elective Credit	6
Elective Credits – Create a block of credits with two courses meeting the writing intensive (WI) requirement (to meet the required 64 credit program minimum)	29	Select a minimum of 29 credits (to optimize transfer to GCU major, reference "Program Major" table for applicable coursework)	29
Bachelor of Science in Cybersecurity: Program Major Transferrable Courses			
CIS-120 Introduction to Computer Information System	3	CST-111: Introduction to Computer Science and Information Technology	3
CIS-270: Networking Fundamentals	3	ITT-116: Platforms and Network Technologies	3
CIS-271: Networking Administration	3	ITT-121: System Administration and Maintenance	3
CIS-272: Networking Routing and Switching	3	ITT-270: Routing and Switching	3
CIS-171: Computer Forensics/Investigations	3	^ ITT-375: Cyber Forensic Investigations	3
Credits completed at Arizona Western College may exceed 64 if students choose to take all courses listed above.			

Total Credit Hours Needed to Complete Associate of Arts at Arizona Western College	64 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 Arizona Western College course must meet specific content requirements (or higher) in order to fulfill GCU's course.
^	Symbol indicates the Arizona Western College 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 Arizona Western College 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 Science	Semester Credits
Non-transferable GCU General Education: 8 Credits		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
General Education Requirements		
# CYB-420	Global Perspectives on Cyberwarfare	4
Bachelor of Science in Cybersecurity: Program Major		
CYB-201	Algorithms and Discrete Mathematics for Cybersecurity	4
ITT-210	Low Level Programming	4
STG-390	Professionalism in Science & Technology-Communications, Conduct, and Ethics	4
ITT-307	Cybersecurity Foundations	4
CYB-220	Cyberlaw and Privacy in a Digital Age	4
ITT-340	Cybersecurity and Ethical hacking	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 – **Arizona Western College**	64 Credits
Credits Completed at Grand Canyon University	56 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 Cybersecurity at Grand Canyon University	**120 Credits**

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