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 Pima Community Colleges. Within the tables below are preferred courses from Pima 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.

Pima 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)			
WRT-101: English Composition I **OR** WRT-107: English Composition I for Non-Native Speakers of English	3	**+** ENG-105: English Composition	3
WRT-102: English Composition II **OR** WRT-108: English Composition II for Non-Native Speakers of English	3	ENG-106: English Composition II	3
Second Language: Completion of a Language course numbered 202, fourth semester level	3	UNV-104: 21st Century Skills: Communication and Information Literacy	3
Critical Thinking (11 – 12 Credits)			
MAT-151: College Algebra	4	**+** MAT-154: Applications of College Algebra	4
Biological and Physical Sciences	4	PHI-105: 21st Century Skills: Critical Thinking and Problem Solving	4
Biological and Physical Sciences	4	BIO-220: Environmental Science	4
Global Awareness (6 - 8 Credits)			
Social and Behavioral Sciences	3	PSY-102: General Psychology	3
Social and Behavioral Sciences	3	SOC-100: Everyday Sociology	3
Additional Pima Requirements			
Humanities and Fine Arts	6	Elective Credit	6

Pima 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
STU-100: College Success and Career Planning **OR** STU-107: University Transfer Preparation	1	Elective Credit	1
STU-210: University Transfer Strategies	2	Elective Credit	2
Second Language: Completion of a Language course numbered 202, fourth semester level	13	Elective Credit	13
Transfer Elective: 12 Credits of Transferrable Electives so the total for this Degree are 60-64	12	Select a minimum of 12 credits (to optimize transfer to GCU major, reference "Program Major" table for applicable coursework)	12
Bachelor of Science in Information Technology with an Emphasis in Cybersecurity: Program Major Transferrable Courses			
CIS-120: Computer Applications for Business	3	CST-111: Introduction to Computer Science and Information Technology	3
CIS-119: Network Essentials	3	ITT-116: Platforms and Network Technologies	3
CIS-280: System Analysis and Design – Concepts and Tools	3	ITT-121: System Administration and Maintenance	3
CIS-171: CISCO II – Networking Router Technologies	4	ITT-270: Routing and Switching	4
CIS-288: Fundamentals of Cybersecurity	4	^ ITT-307: Cybersecurity Foundations	4
CIS-162: Database Design and Development	3	^ SYM-400: Relational Databases for Business Applications	3
CIS-234: Project Management	3	^ BIT-415: IT Project Management	3
CIS-228: Fundamentals of Network Security	4	^ ITT-370: Wireless Networks	4
CIS-247: Ethical Hacking	3	ITT-340: Cybersecurity and Ethical Hacking	3
CIS-132: Introduction to Computer Forensics	3	ITT-375: Cyber Forensic Investigations	3
Credits completed at PCC may exceed 60 if students choose to take all courses listed above.			

Total Credit Hours Needed to Complete Associate of Arts at PCC	**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 PCC course must meet specific content requirements (or higher) in order to fulfill GCU's course.
^	Symbol indicates the PCC 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		
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
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 – Pima Community College	60 Credits
Credits Completed at Grand Canyon University	39 - 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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