Associate of Applied Science in Networking Technologies Cyber Security Emphasis   to   Bachelor of Science in Computer Software Technology or Cyber and Data Security Technology or Information Technology

Pending receipt and evaluation of official transcripts, this program to program transfer pathway is unofficial; does not guarantee automatic acceptance of transfer credits; and is based solely on Central Arizona College (CAC) coursework with a grade of C- or better. The University of Arizona Global Campus (UAGC) course applicability and availability to take additional coursework beyond the designated CAC degree will vary based on each student's individual transfer credit situation. We recommend students work with their UAGC Academic Advisor during their first UAGC course to ensure duplicative coursework is not scheduled pending their official transfer credit evaluation. For complete degree, residency, and transfer credit policies, please refer to the UAGC catalog. Successful completion of this UAGC program by itself does not provide licensure or certification in any state, regardless of concentration or specialization.

For questions about the University of Arizona Global Campus portion of this transfer pathway, contact **articulation@uagc.edu**.

CAC General Education Courses	Credits	UAGC Course Applicability / Notes
ENG 101 College Composition I	3	Written Communication I Core Competency
COM 259 Professional Communication	3	Oral & Interpersonal Communication Core Competency
AGEC Arts & Humanities Courses †Select an ART, EIT, ENG, HMC, LIT, MHL, PHI, or THE course from the CAC AGEC Arts & Humanities course offerings.	3	Aesthetic Awareness & Reasoning -OR- Intercultural & Global Awareness Competency
Social & Behavioral Sciences Course †ECN 201 Principles of Macroeconomics	3	ECO 203 Principles of Macroeconomics
AGEC Physical & Biological Sciences Course	4	Scientific Reasoning Competency (Must include a lab)
MAT 151 College Algebra, Standard	4	**MAT 222 Intermediate Algebra / Quantitative Reasoning Core Competency
CAC Major Courses	**Credits**	**UAGC Course Applicability / Notes**
CIS 119 Set-up and Maintenance of Personal Computers	3	Elective
CIS 120 Survey of Computer Information Systems	3	TEC 101 Fundamentals of Information Technology & Literacy
CIS 121 Windows Operating System Fundamentals	3	Digital Literacy Competency
CIS 123 Introduction to Programming	3	CPT 200 Fundamentals of Programming Languages
CIS 130 Networking Essentials	3	*INT 301 Computer Networking
CIS 150 Windows Server	3	Elective
CIS 153 Network Security	3	Elective
CIS 210 Cloud Computing	3	Elective
CIS 213 Linux Server	3	Elective
CIS 225 Practical Applications in Cyber Security	3	Elective
CIS 252 Windows Network Infrastructure	3	Elective
CIS 263 Cloud Operations	3	Elective
CAC Emphasis Courses	**Credits**	**UAGC Course Applicability / Notes**
CIS 273 Network Defense	3	Elective
CIS 275 Computer Forensics & Investigation	3	Elective
Total Transfer Credits	**60**	

UAGC Entry & General Education Courses	Credits	UAGC Course Applicability / Notes
GEN 101 Developing Skills & Strategies for Success	3	*Required, non-transferable entry course.*
Ethical Reasoning Core Competency	-	*Waived per agreement*
Critical Thinking Core Competency	3	
Written Communication II Core Competency	3	
Information Literacy Core Competency	3	
Aesthetic Awareness & Reasoning -OR- Intercultural & Global Awareness Competency	-	*Waived per agreement*
Civic Responsibility Competency	-	*Waived per agreement*
GEN 499 General Education Capstone (Upper Division)	3	*Required, non-transferable capstone course.*
UAGC Major Courses	**Credits**	**UAGC Course Applicability / Notes**
**MAT 232 Statistical Literacy	3	
Remaining major courses of student's chosen UAGC Bachelor of Science degree • Computer Software Technology • Cyber and Data Security Technology • Information Technology	42	
Total UAGC Credits	**60**	
Total Required Credits for Bachelor's Degree	**120**	*Must include 30 upper division credits.*

All UAGC courses are required unless otherwise noted. Any UAGC course prerequisites not completed in transfer are required to be fulfilled even if those prerequisites are not a requirement within the selected UAGC program. Course prerequisites are listed in the UAGC catalog.

†Preferred course to be taken at CAC. UAGC course is required if not taken in transfer.

*Lower-division transfer courses will not count towards the 30-credit upper-division requirement at UAGC.

**MAT 222 Intermediate Algebra (3 credits) and MAT 232 Statistical Literacy (3 credits) are graduation requirements for this program. If students do not have transfer credit that directly meets one or both of these requirements, they will be required to take the UAGC course(s).