

## Associate of Applied Science of Cybersecurity

to

## Bachelor of Science in Cyber and Data Security 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 Temple College 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 Temple 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](mailto:articulation@uagc.edu).

Temple General Education Courses	Credits	UAGC Course Applicability / Notes
ENGL 1301 Composition I	3	Written Communication I Core Competency
ENGL 2311 Technical and Business Writing -OR- ENGL 1302 Composition II	3	Written Communication II Core Competency
Language, Philosophy, & Culture -OR- Creative Arts †Select an ARTS, DRAM, ENGL, HIST, HUMA, or MUSI course from Temple Language, Philosophy & Culture/Creative Arts course offerings for AAS degrees.	3	Aesthetic Awareness & Reasoning Competency
Mathematics Core †MATH 1314 College Algebra	3	**MAT 222 Intermediate Algebra / Quantitative Reasoning Core Competency
Social & Behavioral Science Core †PSYC 2301 General Psychology	3	Critical Thinking Core Competency
Temple Major Courses	Credits	UAGC Course Applicability / Notes
COSC 1301 Introduction to Computing -OR- ITSC 1301 Introduction to Computers	3	Digital Literacy Competency
ITNW 1325 Fundamentals of Networking Technologies	3	*INT 301 Computer Networking
ITSY 1342 Information Technology Security	3	Elective
ITSC 1325 Personal Computer Hardware	3	Elective
ITSC 1305 Introduction to PC Operating Systems	3	Elective
COSC 1436 Programming Fundamentals I -OR- ITSE 1407 Introduction to C++ Programming	4	CPT 200 Fundamentals of Programming Languages
CPMT 2349 Advanced Computer Networking Technology	3	Elective
ITSY 2301 Firewalls and Network Security	3	Elective
ITSY 2330 Intrusion Detection	3	Elective
ITSY 2341 Security Management Practices	3	Elective
ITSY 2343 Computer System Forensics	3	Elective
ITSY 2345 Network Defense and Countermeasures	3	Elective
ITSC 2325 Advanced Linux	3	Elective
ITSY 2359 Security Assessment and Auditing	3	Elective
Temple Elective Courses	Credits	UAGC Course Applicability / Notes
Elective †ECON 2301 Principles of Macroeconomics	3	ECO 203 Principles of Macroeconomics
<b>Total Transfer Credits</b>	<b>47</b>	

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	3	
Oral & Interpersonal Communication Core Competency	3	
Information Literacy Core Competency	3	
Intercultural & Global Awareness Competency	3	
Civic Responsibility Competency	3	
Scientific Reasoning Competency	4	
GEN 499 General Education Capstone (Upper Division)	3	Required, non-transferable capstone course.
UAGC Major Courses	Credits	UAGC Course Applicability / Notes
TEC 101 Fundamentals of Information Technology & Literacy	3	
**MAT 232 Statistical Literacy	3	
CYB 101 Defensive Network Reconnaissance	3	
CYB 102 Network Penetration Testing – Breaching Defenses	3	
CYB 200 Database Security Defense in Depth	3	
CYB 201 Beginning White Hat Ethical Hacker	3	
CYB 300 System Administration and Security (Upper Division)	3	
CYB 301 Introduction to Cyber & Data Security Technology (Upper Division)	3	
CYB 302 Secure Web Applications & Social Networking (Upper Division)	3	
CYB 303 Advanced White Hat Ethical Hacker (Upper Division)	3	
CYB 304 Security Information Systems Security Manager (Upper Division)	3	
ENG 328 Scientific & Technical Writing (Upper Division)	3	
CYB 400 Cryptography (Upper Division)	3	
CYB 401 Risk Management & Infrastructure (Upper Division)	3	
CYB 402 Computer Forensics (Upper Division)	3	
CYB 499 Capstone for Cyber & Data Security Technology (Upper Division)	3	Required, non-transferable capstone course that must be taken last.
<b>Total UAGC Credits</b>	<b>73</b>	

**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.

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

†Preferred course to be taken at Temple. If not taken as part of the designated Temple degree, the course may also be taken as an optional equivalent course at Temple. UAGC course is required if not taken in transfer.

\*\*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).