

**Associate of Science, Computer Science Pathway**

to

**Bachelor of Science in Computer Software Technology  
or Bachelor of Science in Cyber and Data Security Technology  
or Bachelor of Science in 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. **This UAGC program is not designed to meet the state educational requirements for a specific professional license or certification in any state.**

For questions about the University of Arizona Global Campus portion of this transfer pathway, contact [articulation@uagc.edu](mailto:articulation@uagc.edu).

CAC General Education Courses	Credits	UAGC Course Applicability / Notes <sup>^</sup>
ENG 101 College Composition I	3	Written Communication I Core Competency
ENG 102 College Composition II	3	Written Communication II Core Competency
Arts & Humanities Course †Select an ART, EIT, ENG, HMC, LIT, MHL, PHI, or THE course from the CAC AGECE Arts & Humanities course offerings.	3	Aesthetic Awareness & Reasoning -OR- Intercultural & Global Awareness Competency
Arts & Humanities Course †Select an ART, EIT, ENG, HMC, LIT, MHL, PHI, or THE course from the CAC AGECE 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
Social & Behavioral Sciences Course †PSY 101 Introduction to Psychology	3	Critical Thinking Core Competency
BIO 181 General Biology I	4	Scientific Reasoning Competency (Must include a lab)
BIO 182 General Biology II	4	Elective
MAT 221 Analytical Geometry and Calc I	4	Quantitative Reasoning Core Competency
MAT 231 Analytical Geometry and Calc II	4	Elective
MAT 241 Analytical Geometry and Calc III	4	Elective
CAC Pathway Courses	Credits	UAGC Course Applicability / Notes <sup>^</sup>
CIS 216 Java Programming	4	CPT 200 Fundamentals of Programming Languages
CIS 231 Object Oriented Programming and Data Structures	4	*CPT 307 Data Structures, Algorithms, and Designs -OR- Elective
EGR 102 Introduction to Engineering	3	Elective
EGR 120 Digital Design Fundamentals	4	Elective
CAC Elective Courses	Credits	UAGC Course Applicability / Notes <sup>^</sup>
†MAT 151 College Algebra, Standard	4	**MAT 222 Intermediate Algebra
†CIS 120 Survey of Computer Information Systems	3	TEC 101 Fundamentals of Information Technology & Literacy

**Total Transfer Credits 60**

Upon completion of this CAC degree with a minimum 2.0 cumulative GPA, students will have fulfilled all lower-division General Education requirements at UAGC.

UAGC Entry & General Education Courses	Credits	UAGC Course Applicability / Notes
GEN 101 Developing Skills & Strategies for Success	3	Required, non-transferable entry course.
GEN 499 General Education Capstone	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	42	
• Cyber and Data Security Technology	45	
• Information Technology	42	
UAGC Electives	Credits	UAGC Course Applicability / Notes
Electives	6-9	

**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).

<sup>^</sup>UAGC general education and major course applicability may differ slightly depending on the UAGC Bachelor of Science degree chosen. If CAC coursework is not applicable to the general education or major courses of the chosen UAGC degree, it will be applied towards the UAGC elective requirements.