

Transfer Plan: Bachelor of Science in Cybersecurity



Associate in Applied Science Degree Courses at Waubensee Community College

YEAR ONE

Semester 1 (15 semester hours)

WCC Course	AU Equivalent
ENG 101 First-Year Composition I (3)	ENG 1100 Writing as Thinking
CIS 118 Information Technician Professional I (3)	CSC 1XXX Elective
CIS 119 Information Technician Professional II (3)	CSC 1XXX Elective
CIS 122 Networking Essentials (3)	CSC 1999 Elective
CIS 125 Info Tech Code of Ethics/Compliance (3)	CSC 1XXX Elective

Semester 2 (15 semester hours)

WCC Course	AU Equivalent
CIS 131 Security Awareness (3)	CSC 1999 Elective
CIS 180 Linux Operating System (3)	CSC 1XXX Elective
CIS 137 CISCO I (3)	CSC 1XXX Elective
CIS 200 Cloud Technology (3)	CSC 2XXX Elective
MTH 109 Algebra for Business and Social Science (3) OR MTH 129 Precalculus I (3) OR MTH 107 Basic Statistics (3) *	MTH 1100 College Algebra OR MTH 2100 Statistics

*It is recommended to complete both College Algebra and Basic Statistics prior to transferring to Aurora University. College Algebra is a pre-requisite for AU's CSC/CYB courses, so this course should be taken prior to transfer to complete the bachelor's degree in a timely manner.

Associate in Applied Science Degree Courses at Waubensee Community College

YEAR TWO

Semester 1 (15 semester hours)

WCC Course	AU Equivalent
CIS 206 Managing Net. Env. (3)	CSC 2999 Elective
CIS 237 CISCO II (3)	CSC 2999 Elective
CIS 213 Cybersecurity Analyst (3)	CSC 3400 Computer Security
CIS 214 Digital Forensics (3)	CRJ 3550 Cyber Crime Investigations
COM 100 Fund of Speech Communication (3)	COM 1560 Public Speaking

Semester 2 (15 semester hours)

WCC Course	AU Equivalent
CIS 208 Pen Testing (3)	CSC 2XXX Elective
CIS 210 Ethical Hacking (3)	CSC Ethical Hacking
CIS 267 CISCO III (3)	CSC 3350 Networks and Security
ENG 102 First Year Composition II (3) OR ENG 152 Technical Writing (3)	ENG 1XXX Elective or ELT 1000 General Elective
SOC 100 Introduction to Sociology (3) OR PSY 100 Introduction to Psychology (3)	SOC 1100 Introduction to Society OR PSY 1100 General Psychology

Example Bachelor of Science in Cybersecurity Courses

YEAR THREE (32 semester hours)

AU Course Number	Course Title	Semester Hours
MTH 1100 OR MTH 2100	College Algebra OR Statistics	4
CSC 1700	Introduction to Computer Programming	4
CSC 2300	Computer Architecture	4
MTH 3270	Discrete Mathematics	4
Electives	Electives	16

YEAR FOUR (32 semester hours)

AU Course Number	Course Title	Semester Hours
CYB 1100	Foundations of Cybersecurity	4
CYB 2150	Program Essentials for Cybersecurity	4
CSC 2450	Operating Systems Administration	4
CYB 4300	Cybersecurity Governance, Risk and Compliance	4
CYB 4620	Digital Forensics	4
Electives	Elective	12

Total Semester Hours Completed at WCC	60
Total Semester Hours Completed at AU	64
Total Semester Hours for a BS in Cybersecurity	124

The above program is subject to change, as AU continuously redesigns programs based on current research, industry requirements, and the university's conceptual framework.

After you earn your bachelor's, you can complete your master's degree in just one additional year with AU's unique programs. Learn more at aurora.edu/accelerate.