

Transfer Plan: Bachelor of Science in Cybersecurity



Associate in Applied Science Degree Courses at Waubonsee 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 Bus./Soc. Sci., or MTH 129 Precalculus I (3) | MTH 1100 College Algebra |

Associate in Arts Degree Courses at Waubonsee 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 OR ENG 152 Technical Writing (3) | ENG 1XXX Elective or ELT 1000 General Elective |
| SOC 100 Introduction to Sociology OR PSY 100 Introduction to Psychology | SOC 1100 Introduction to Society OR PSY 1100 General Psychology |

Example Bachelor of Science in Cybersecurity Courses

YEAR THREE (29 semester hours)

| AU Course Number | Course Title | Semester Hours |
|------------------|--------------------------------------|----------------|
| CSC 1700 | Introduction to Computer Programming | 4 |
| CSC 2300 | Computer Architecture | 4 |
| MTH 2100 | Statistics | 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 |

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|---|------------|
| Total Semester Hours Completed at WCC | 60 |
| Total Semester Hours Completed at AU | 60 |
| Total Semester Hours for a BS in Cybersecurity | 120 |

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.