

Waubonsee Community College and Aurora University Associate in Applied Science Degree Cybersecurity Bachelor of Science Degree Cybersecurity Major			
Semester 1 at WCC	AU Equivalent	Semester 2 at WCC	AU Equivalent
CIS 107 Info Tech Fund (3) CIS 115 Introduction to Programming (3) CIS 118 Information Technician Proficiency (3) CIS 122 Networking Essentials (3) CIS 125 Info Tech Code of Ethics (3)	CSC 1XXX Elective CSC 1700 Introduction to Comp Programming CSC 1XXX Elective CSC 1XXX Elective CSC 1XXX Elective	CIS 109 Intro to Scripting (3) CIS 180 Linux Operating System (3) CIS 131 Security Awareness (3) CIS 137 CISCO I (3) MTH 107 Basic Statistics, MTH 109 Algebra for Bus./Soc. Sci., or MTH 129 Precalculus I (3)	CSC 1XXX Elective CSC 1XXX Elective CSC 1XXX Elective CSC 1XXX Elective MTH 1100 College Algebra or MTH 2320 Statistics
Semester 3 at WCC	AU Equivalent	Semester 4 at WCC	AU Equivalent
CIS 206 Managing Net. Env. (3) CIS 200 Cloud Technology (3) CIS 237 CISCO II (3) ENG 101 First-Year Comp I (3) COM 100 Fund. of Speech Comm. or COM 121 Comm. in the Workplace (3)	CSC 2XXX Elective CSC 2XXX Elective CSC 2XXX Elective ENG 1000 Intro to Academic Writing COM 1XXX	CIS 208 Pen Testing (3) CIS 210 Ethical Hacking (3) CIS 211 Firewalls & VPNs (3) ENG 102 First-Year Composition II or ENG 153 Technical Writing (3) Soc/Behav. Sci Elective (3)	CSC 2XXX Elective CSC 2XXX Elective CSC 2XXX Elective ENG 1XXX Elective or ELT 1000 General Elective Gen Ed Elective
Third and Fourth Year at Aurora University Students complete coursework for either the Policy and Management or the Technical Analyst track for the Cybersecurity major.			
Cybersecurity BS: Policy and Management Track			
Semester 5 at Aurora University (12.5 hours)		Semester 6 at Aurora University (16.5 hours)	
IDS 3500 Junior Mentoring (.5) CSC 2150 Data Structures and Algorithms (4) CSC 2300 Computer Architecture (4) CYB 1100 Foundations in Cybersecurity Management (4)		IDS 3550 Junior Mentoring (.5) CSC 2450 Operating Systems Administration (4) CYB 2100 Comm., Prob. Solv. & Leading in Cyber (4) Elective or MTH 2320 Statistics (4) Artistic Literacy Gen Ed* (4)	
Semester 7 at Aurora University (16 hours)		Semester 8 at Aurora University (16 hours)	
CYB 3100 Cybersecurity Governance (4) MTH 3270 Discrete Mathematics (4) Scientific Inquiry and Cultural Literacy Gen Ed, or Electives* (8)		CYB 3300 Risk Mgmt. & Org. Resilience (4) CYB 4500 Cybersecurity Program Development (4) CSC 3350 Networks and Security (4) Human Inquiry Gen Ed or Electives* (4 hours)	
Cybersecurity BS: Technical Analyst Track			
Semester 5 at Aurora University (12.5 hours)		Semester 6 at Aurora University (16.5 hours)	
IDS 3500 Junior Mentoring (.5) CYB 1100 Foundations in Cybersecurity Management (4) CSC 2150 Data Structures and Algorithms (4) CSC 3400 Computer Security (4)		IDS 3550 Junior Mentoring (.5) CSC 2300 Computer Architecture (4) CSC 2450 Operating Systems Administration (4) CSC 3350 Networks and Security (4) MTH 3270 Discrete Mathematics (4)	
Semester 7 at Aurora University (16 hours)		Semester 8 at Aurora University (16 hours)	
CYB 4620 Digital Forensics (4) CYB 3600 Cryptography and Encryption (4) MTH 2320 Statistics (4) Artistic Literacy Gen Ed or Electives* (4)		CYB 4610 Ethical Hacking (4) Scientific Inquiry, Cultural Literacy, and Human Inquiry Gen Ed or Electives* (12)	
*Electives may be used to reach required credits for graduation. Total hours must equal 120 or higher with a minimum cumulative GPA of 2.0/4.0. A minimum of 30 hours must be 3000 level or higher of which at least 15 must be within the major. A grade of C or higher is required in all general education and major coursework.			

