

SUNY Orange A.A.S Cybersecurity Bachelor of Science in Cybersecurity

This program plan outlines how students can apply their SUNY Orange A.A.S Cybersecurity to Excelsior University's B.S. in Cybersecurity degree program.

This is only a guide in how credits will transfer into an Excelsior University degree program. **Actual transferability of credits are dependent upon current Excelsior University degree requirements and policies upon the date a student is admitted to Excelsior.** All students will be reviewed individually as it relates to the transferability of credits into an Excelsior University degree program.

Revision: September 2023

SUNY Orange Credits	Semester Hours	Excelsior University Requirements	Semester Hours
ENG 101: Freshman English 1	3	Written English Requirement	3
MAT 121: College Algebra	3	Arts and Sciences Elective	3
CRJ 101: Intro to Criminal Justice	3	Social Sciences/History Elective	3
CIT 100: Computer Literacy	3	NA	
CIT 105: Data Communications and Intro to Networking	3	NA	
ENG 102: Freshman English 2	3	Humanities Elective	3
CIT 116: Networking 1	4	Data Communications and Networking Requirement	4
CIT 112: Computer Hardware & Software	4	NA	
CIT 118: Operating Systems	4	NA	
MAT 122: College Trigonometry	3	Arts and Sciences Elective	2
CIT 203: Networking 2	4	Technology Elective	4
CIT 117: Intro to Unix/Linux	3	System Administration Requirement	3
CFR 221: Computer Forensics	3	Computer Forensics Requirement	3
CSS 223: Information Security	3	Technology Elective	3
Psychology Elective	3	Social Sciences/History Elective	3
CFR 222: Network Forensics	3	Technology Elective	3
CSS 224: Network Perimeter Security	3	Network and Application Security Requirement	3
CSS 226: Cyber Crime Investigations	3	Cyber Attacks and Defense Requirement	3
CRJ 111: Criminology	3	Social Sciences/History Elective	3
Elective	3	Free Elective	1
TOTAL CREDITS REQUIRED	64	TOTAL CREDITS ACCEPTED	47

Additional Credits That May Be Transferred <u>OR</u> Taken With Excelsior			
SUNY Orange	Semester Hours	Excelsior University Requirements	
Communications Elective	3	Communications Requirement	
IND 203: Professional Ethics	3	Ethics Requirement	
Natural Sciences Elective	3	Natural Sciences Requirement	
MAT 136: Intro to Discrete Math	3	Discrete Math Requirement	
MAT 120: Intro to Statistics	3	Statistics Requirement	
Arts & Sciences Electives	22	Arts & Sciences Requirement	
TOTAL ADDITIONAL CREDITS			37

Credits To Be Taken With Excelsior University	
Excelsior University Credit Requirements	
INL 102: Information Literacy	1
IND 101: Cornerstone A (Foundations) <u>OR</u> IND 301: Cornerstone B (Pathways)	3
ENG 312: Professional and Technical Writing	3
IT 211: Fundamentals of Programming	3
CYS 345: Introduction to Cybersecurity	1
CYS 260: Governance, Legal, and Compliance	3
CYS 345: Cybersecurity Defense in Depth	3
CYS 450: Security Focused Risk Management	3
IT 360: Operating Systems	3
IT 380: Overview of Computer Security	3
CYS 220: Cloud Computing and Virtualization	3

Concentration Electives	5
CYS 496: Cybersecurity Capstone	3
TOTAL CREDITS	37

EVALUATION SUMMARY		Semester Hours
Credits Accepted from SUNY Orange		47
Additional Credits That May Be Transferred OR Taken With Excelsior		37
Credits To Be Taken With Excelsior *		37
TOTAL CREDITS REQUIRED		121

* All credits with the exception of information literacy, cornerstone, and capstone may be transferred from other institutions.

* Students must choose from one of the following concentrations: Cyber Operations, General.

* Excelsior University reviews every student individually and this guide is just a sample scenario. Actual requirements will be dependent on the courses a student transfers to Excelsior.

