

**Hudson Valley Community College A.S. Cybersecurity
to Excelsior College BS Cybersecurity**
Revision: January 2019

This program plan outlines how students can transfer from the **Hudson Valley Community College A.S. Cybersecurity** program to the **Excelsior College BS Cybersecurity** program. Upon completion of the **A.S. Cybersecurity**, the following credits will apply for students enrolling in the **BS Cybersecurity** program.

Hudson Valley Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
FORM 109: College Forum	1	N/A	0
CISS 100: Introduction to Computing & Info Sciences	4	N/A	0
CRJS 101: Introduction to Criminal Justice	3	Social Sciences/History Requirement	3
ENGL 101: English Composition I	3	Written English Requirement	3
PSYC 100: General Psychology	3	Social Sciences/History Requirement	3
CISS 110: Programming and Logic I	4	N/A	0
ENGL 104: English Composition II - Writing about Literature	3	Written English Requirement	3
Liberal Arts/General Education Arts Elective <i>Recommend Humanities Elective</i>	3	Humanities Requirement	3
Liberal Arts/General Education American History Elective	3	Arts & Sciences Requirement	3
Restricted Elective <i>Recommend BIOL OR CHEM Elective</i>	3	Natural Sciences Requirement	3
CISS 120: Networking I - Intro to Data Communication	3	Data Communications and Networking Core	3
FSCI 244: Digital Forensics	3	Computer Forensics Core	3
MATH 135: Elementary Statistics	4	Statistics AND Arts & Sciences Requirement	4
SOCL 100: Sociology	3	Social Sciences/History Requirement	3
Liberal Arts/General Education Elective	3	Arts & Sciences Requirement	3
ACTG 110: Financial Accounting	4	Free Elective	4
CISS 125: Computer and information Security	3	Overview of Computer Security Core	3
FSCI 245: Forensic Science I	4	Free Elective	3
Liberal Arts/General Education Elective	6	Arts & Sciences Requirement	6
Total Credits Required for Associate	63	Total Credits Accepted from Associate	53

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior

Hudson Valley Community College Credits	Semester Hours	Excelsior College Requirements
MATH 170: Precalculus	4	Arts & Sciences Requirement (Calculus I Pre-requisite)
MATH 180: Calculus I	4	Calculus I AND Arts & Sciences Requirement
MATH 190: Calculus II	4	Calculus II AND Arts & Sciences Requirement
MAT 183: Discrete Mathematics	4	Discrete Mathematics AND Arts & Sciences Requirement
MKTG 240: Business Ethics	3	Ethics Requirement
ENGL 125: Public Speaking	3	Communications Requirement
Arts & Science Electives	1	Arts & Science Elective
Concentration Electives (Choose ONE concentration area)	15	General Concentration Electives (CISS210; CISS211; CISS215; CISS217; CISS221; CISS229)
Total Additional Credits	38	

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
CYS 245: Introduction to Cybersecurity	1
CYS 260: Governance, Legal, and Compliance	3
IT 321: Computer Architecture or CYS 203 Microprocessors	3
CYS 345: Cybersecurity Defense in Depth	3
IT 360: Operating Systems	3
CYS 403: Network & Application Security	3
CYS 426: Cyber Attacks & Defense	3
CYS 450: Security Focused Risk Management	3
IT 460: System Administration	3
CYS 496: Cybersecurity Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	29

* The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another 4-year regionally accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	53
Additional Credits beyond the Associate Degree	38
Credits from Excelsior *	29
Total Credits Required for Bachelor's Degree	120

* Students are required to take a minimum of **12.00 online course credits** from Excelsior to qualify for partner pricing.

NOTE: Excelsior College 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.

What are Arts and Sciences?

We offer the following definitions to help you make these determinations. Remember, however, that before you pay to take a course or examination you should always consult with your advisor to make sure that it will help meet your degree requirements.

Humanities

Humanities subjects focus on developing knowledge and skills in critical reading, logical thought, and esthetic appreciation. Here are some subject areas typically classified as Humanities:

Art, Philosophy, Music, Foreign Language, Literature, Theater, Ethics, Speech, Religion, Communication

Social Sciences and History

Social Sciences and History subjects focus on individuals and society and the processes individuals use to order their world. Here are some subject areas typically classified as Social Sciences and History:

Psychology, Economics, Sociology, Geography, Political Science, History, Anthropology

Natural Sciences and Mathematics

Natural Sciences and Mathematics subjects focus on understanding the natural world and problem-solving processes. Here are some subject areas typically classified as Natural Sciences and Mathematics:

Anatomy and Physiology, College Algebra, Microbiology, Calculus, Chemistry, Genetics, Biology, Physics