

STEVENSON

UNIVERSITY

Frederick Community College

Cybersecurity and Digital Forensics—Traditional and Online

This transfer plan is intended for students pursuing an Associate of Applied Science in Cybersecurity at Frederick Community College who are interested in pursuing a Bachelor of Science in Cybersecurity and Digital Forensics Degree through Stevenson's traditional program (starting in Fall 2019) or through Stevenson's online program (starting Fall 2018). The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Stevenson. Stevenson participates in reverse transfer should students transfer after completing 15 credits at Frederick but before completing the full associate's degree. Please note:

- Only courses that have course equivalencies are displayed. This guide does not show all transferable courses from this college. It also does not display all Stevenson University courses that will fulfill a specific requirement.
- Program requirements must be completed with a grade of C or better, and general education courses must be passed with a grade of D or better.
- Transfer plans are intended to be used as planning tools. If you need additional assistance in selecting courses to take prior to transferring to Stevenson University, contact Stevenson Admissions at 443-352-4450.

	Frederick Community College		Stevenson University	
PROGRAM REQUIREMENTS				
Program Requirements	CIS 106 Object Design & Programming	3	IS 240 Programming Concepts	3
	CIS 111M PC Operating Systems	3	IS 140 Information Systems Architecture and Design	3
	CIS 212: PC Repairs & Diagnostics	3	Elective	3
	CIS 217 Cybercrime & Digital Forensics Investigation	3	CDF-261 Digital Forensics	3
	CIS 179 Cybersecurity Fundamentals	3	CDF-110 Cybersecurity and Digital Forensics Fundamentals	3
	CIS 180 Network Fundamentals	3	IS-231 Network Technologies	3
	CIS 170 Security Fundamentals	3	CDF-251 Network Security	3
	CIS 111L UNIX/Linux Operating System	3	CDF-240 Linux System Administration	3
	CIS 219 Ethical Hacking & Systems Defense	3	CDF-271 Intrusion and Penetration Testing	3
	CIS 223 Cloud Security	3	Elective	3
	CIS 203 Systems Analysis & Design	3	Elective	3
	Program Electives: SU Recommends CIS 190 and CIS 191	6	Recommended Courses IS-232 TCP and IP Communication Protocols for Windows and UNIX CDF-252 Networking 2	6
GENERAL EDUCATION REQUIREMENTS				
English Composition and literature (3 credits)	EN 101 College Composition I	3	ENG 151: English Composition	3
Communications	Communications general education course	3	Communications Intensive requirement	
Humanities	Humanities general education course	3	Humanities Requirement	3
Arts	Art general education course	3	Fine Arts Requirement	3

	Frederick Community College		Stevenson University	
Science	Biological/Physical Sciences general education course	3	<i>Non-lab requirement¹</i>	3
PE/Health	PE/Health Requirement	1	General elective	1
Mathematics	MA 206 Elementary Statistics recommended	3	<i>Mathematics Requirement</i>	4
Social and Behavioral Sciences	HS 102 Human Relations recommended	3	<i>Social Science Requirement</i>	3

Remaining Courses

General education

English 152: Writing about Literature 3
 9 credits of humanities
 3 credits of social science
 4 credits scientific reasoning lab
 Total: 19

Major Requirements

MGT 210 Business Writing (Writing Intensive 200-level) 3
 CDF-281 Advanced Network Defense 3
 CDF-290 Risk Management, Legal Frameworks, and Compliance in Cybersecurity 3
 CDF-391 Incident Response and Investigation 3
 CDF-392 Information Systems Forensics Internals-Auditing 3
 CDF-393 Forensic Evidence Collection Tools and Techniques 3
 CDF-475 Advanced Digital Forensics 3
 CDF-480 Cybersecurity and Digital Forensics Capstone 3
 IS-235 Windows Server Architecture and Administration 3
 IS-331 CISCO TCP and IP Routing 3
 IS-365 Writing for IS Applications 3
 IS-432 Network Security-Firewalls, IDS, and Counter Measures 3
 Total: 36

Additional Requirements

Traditional Program:

- Up to 5 credits of electives if needed to reach minimum of 120

Online Program:

- GPS 200: Adult Learning Theory and Practice 3

¹ Stevenson University requires a total of 10-12 credits to be completed in Math and Science (one course must be a MATH course and one course must be a laboratory science).

Total credits to be taken at SU:

- Traditional Program: 60
- Online Program: 61

