Global Cybersecurity Investigations

Associate of Applied Science

Program description

Global Cybersecurity Investigations - AAS gives students a firm foundation in conducting cyber investigations for devices including desktops, laptops, the IoTs, the cloud, mobile and other sensors. Students learn how to find digital footprints, deleted files, deleted emails, etc. Students gain an understanding of international privacy laws such as GDPR, CCPA, LGPD, and POPI compliance for cloud and IoT investigations.

This degree is a great pathway into the BAS in Cybersecurity & Digital Forensics program at Highline. A cumulative GPA of 2.5 is required to apply for the BAS.

Key advisor

Dr. Emma Kong
ekong@highline.edu

Program map

The following program map contains recommended sequence of courses to complete your AAS degree in Global Cybersecurity Investigations. Please view the department website for additional resources. This document does not replace meeting with an advisor. To discuss your educational goals and plans a meeting with an advisor is very important.

First block:

Courses: 15 credits	Credits	Complete?
CSCI 100 – Survey of Computing	5	
ENGL& 101 - English Composition I	5	
CMST& 101 – Introduction to Communication or CMST& 220 – Public Speaking	5	

Action items/milestones
- Meet with Pathway Advisor to confirm your Program of Study and Academic Plan

Second block:

Courses: 15 credits	Credits	Complete?
CIS 150 – OS and Hardware Fundamentals	5	
CIS 160 – Introduction to Networking and Cisco IOS	5	
MATH& 146 – Introduction to Statistics	5	

Action items/milestones
- Meet with Faculty Advisor prior to completion of 30 credits

Third block:

Courses: 15 credits	Credits	Complete?
CIS 161 – MS Operating System and Cisco Networking Integration	5	
CIS 215 – Introduction to UNIX/Linux	5	
CIS 155 – Introduction to Cyber Forensics	5	

Fourth block:

Courses: 15 credits	Credits	Complete?
CIS 221 – Network Scripting	5	
CIS 217 – UNIX/Linus System Administration	5	
CIS 166 – Network Intrusion Detection	5	

Fifth block:

Courses: 15 credits	Credits	Complete?
CIS 249 – Intro to Cybercrime Investigative Tools	5	
CIS 269 – Internet of Things (IoT) Security & Forensics	5	
SOC 130 – American Diversity or DGS 216 – Food, Culture, & Politics	5	

Action items/milestones
- Meet with Faculty Advisor at or prior to completion of 75 credits
- Apply for the BAS in Cybersecurity & Digital Forensics

6th block:

Courses: 16 credits	Credits	Complete?
ENGL& 235 – Technical Writing	5	
CIS 289 – International Cyber Crime Investigations	5	
CSCI 132 – Python 1	5	
CIS 140 – CIS Internship	1	

Action items/milestones
- Apply for graduation and register for commencement