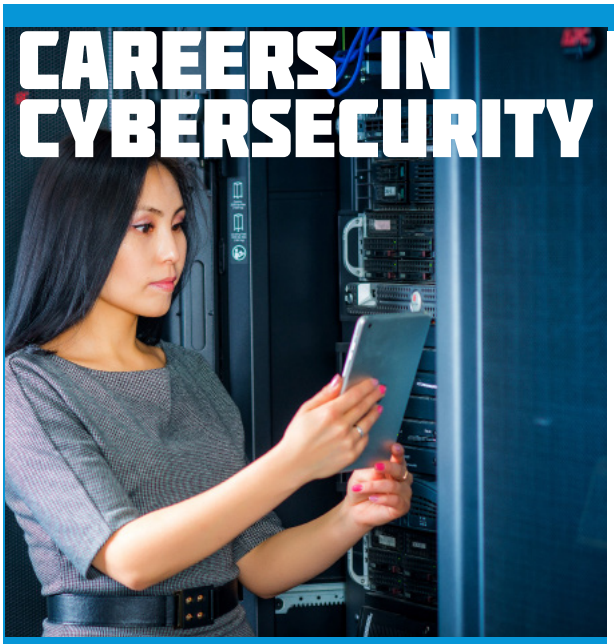
CAREERS IN CYBERSECURITY



Consider career options in this growing field

PC Academic Advisor

Eric Waterkotte
(360) 417-6270
ewatterkotte@pencol.edu

PENINSULA COLLEGE

WWU Academic Advisor

Poulsbo - Crystal Cline
(360) 394-2707
crystal.cline@wwu.edu

wwu.edu/cybersecurity

WESTERN WASHINGTON UNIVERSITY PENINSULAS

Start at PC

Earn your Associate in Applied Science – Transfer (AAS-T), Cybersecurity and Computer Forensics from Peninsula College to prepare you for mid-level positions.

Mid-level Positions

- Computer Support Specialist
- Network Support Specialist
- Information Security Specialist
- Network and Computer Systems Administrator
- Other Computer/IT Occupations

Continue with Western

Continue at Western Washington University at Olympic College in Poulsbo to earn Western's Bachelor of Science in Cybersecurity degree. This two-year program will prepare you to fill the urgent need for trained professionals in advanced computer information positions.

Advanced Positions

- Information Systems Security Developer
- Secure Software Assessor
- Cyber Defense Analyst
- Vulnerability Assessment Analyst
- Systems Security Analyst
- Cyber Security Manager

Occupational Outcomes

- The cybersecurity unemployment rate is zero percent, and it's expected to remain there until 2021, according to Cybersecurity Ventures.
- Cybersecurity workers can command an average salary premium of nearly $6,500 per year, or 9% more than other IT workers, according to the Job Market Intelligence: Cybersecurity Jobs 2015 report published by Burning Glass Technologies.
- 84% of cybersecurity job postings specify that a bachelor's degree is a minimum requirement to apply per Burning Glass' 2015 Cybersecurity Job report. This illustrates how critical education is to obtaining top-paying positions.

For more information and to start developing the right plan for you, please connect with an academic advisor.

PENINSULA COLLEGE

AAS-T - Cybersecurity and Computer Forensics

To be eligible for a transfer to Western's Bachelor of Science in Cybersecurity degree:

- Complete an Associate in Applied Science - Transfer degree in Cybersecurity and Computer Forensics from Peninsula College.
- Achieve a minimum college GPA of 2.5.

Note: 90 quarter credits (listed below) of your AAS-T in Cybersecurity and Computer Forensics credits at Peninsula College will be transferred towards your Bachelor of Science in Cybersecurity at Western.

CORE PROGRAM REQUIREMENTS

Course ID	PC Course Title	Credits
CSC 100	Introduction to Computer Science	5
CS& 141	Programming I	5
CS& 142	Programming II	5
CSIA 110	Introduction to Cybersecurity & Cybercrime	5
CSIA 185	Cybersecurity 1: Risk, Control & Encryption	5
CSIA 190	Cybersecurity 2: Securing the Modern Enterprise	5
CSIA 195	Cybersecurity 3: Ethical Hacking	5
CSIA 280	Introduction to Computer Forensics & Tools	5
CSIA 290	Cybersecurity Capstone	5
IT 114	Intro to Relational Databases	5
IT 260	Intro to Linux	5
MATH& 141	Pre-calculus I	5
MATH& 142	Pre-calculus II	5

GENERAL EDUCATION REQUIREMENTS

PC Course	Credits	WWU Course Equivalent	Credits	GUR
ENGL& 101	5	ENG 101	5	ACOM
ENGL& 102	5	ENG 1TT	5	BCOM
MATH& 151	5	MATH 124	5	QSR
PSYC& 100	5	PHIL 112	5	HUM
SOCSI 101	5	TRAN 1TT	5	SSC
TOTAL				90 credits

Consult the Peninsula College Academic Advisor to chart a plan to fulfill the degree.

rev. 10/19/2018

WESTERN WASHINGTON UNIVERSITY PENINSULAS

Bachelor of Science - Cybersecurity

Ninety (90) credits (listed opposite) from Peninsula College's AAS-T degree in Cybersecurity and Computer Forensics will be accepted and applied toward completion of Western's Bachelor of Science in Cybersecurity.

REQUIRED CYBERSECURITY COURSES

Course ID	Course Title	Credits
CISS 247	Computer Systems I	5
CISS 301	Formal Languages and Functional Programming	5
CISS 340	Database Concepts	3
CISS 346	Secure Software Development	4
CISS 350	Data Networking	3
CISS 360	Operating Systems Concepts	3
CISS 461	Computer Security	4
CISS 470	Policy, Compliance, & Risk	4
CISS 471	Cyber Privacy, Ethics & Abuse	4
CISS 491	Cybersecurity Capstone Project I	1
CISS 492	Cybersecurity Capstone Project II	1
CISS 493	Cybersecurity Capstone Project III	1

REQUIRED SUPPORT COURSES

Course ID	Course Title	Credits
ENG 302	Introduction to Technical Writing	5
MATH 125	Calculus & Analytic Geometry II	5
MATH 341	Probability / Statistical Inference	4

ELECTIVES (choose two courses)

Course ID	Course Title	Credits
CISS 349	Computer System Administration	4
CISS 421	Computer Forensics	4
CISS 422	Dynamic Analysis of Software	4
CISS 423	Software Reverse Engineering	4
CISS 464	Penetration Testing	4
CISS 469	Advanced Network System Security	4
CISS 478	Cryptographic Techniques	4

GENERAL UNIVERSITY REQUIREMENTS (choose 1 science sequence)

BIOL 204	Intro to Evolution, Ecology & Biodiversity	5
BIOL 205	Intro to Cellular & Molecular Biology	5
CHEM 161	General Chemistry I	5
CHEM 162	General Chemistry II	5
PHYS 161	Physics w/ Calculus I	5
PHYS 162	Physics w/ Calculus II	5

University graduation requirements also include 36-44 credits of General University Requirements (GURs), 180 minimum total credits (including transfer credits), and 60 minimum upper division credits. Consult the WWU Cybersecurity Academic Advisor to create a plan to complete your Cybersecurity graduation requirements.