

Content	ECTS	Level	Total student workload (hours)
Модуль 1.			
Python Programming: Foundations and Best Practices	5	EQF 7	125
Mathematics for Computer Science and Introduction to Problem-Solving Techniques	5	EQF 7	125
Basic Algorithms and Data Structures	5	EQF 7	125
Модуль 2			
Computer Systems and Their Fundamentals	5	EQF 7	125
Fundamentals of Cyber Security	5	EQF 7	125
Privacy and Cryptography. Quantum Cryptography	5	EQF 7	125
Cyber risk and resilience management	5	EQF 7	125
Asset Management and Data Security in Cybersecurity	5	EQF 7	125
<i>Algorithmic Paradigms and Techniques for Problem Solving (electives)</i>	5	EQF 7	125
Advanced Security Architecture and Engineering	5	EQF 7	125
Network Security and Communication Protocols	5	EQF 7	125
<i>Foundations of Cloud Computing (electives)</i>	5	EQF 7	125
Identity and Access Management in Cybersecurity	5	EQF 7	125
Agile Product Management for Software Development Teams	5	EQF 7	125
Модуль 3.			
Security Assessment and Testing in Cybersecurity	5	EQF 7	125
Security Operations and Incident Response	5	EQF 7	125
Secure Software Development and Integration in Cybersecurity	5	EQF 7	125
Career Strategies and Soft Skills for IT Professionals	5	EQF 7	125
Applied Computer Science: Capstone project	10	EQF 7	250