

**Computer Science - schedule of full-time second degree studies
from the academic year 2019/2020**

Cybersecurity

Subject	ECTS
1st year	
Semester 1	
English	2
Database systems	5
Advanced methods of data analysis	2
Regulatory, strategic and cyber security aspects - national and European context	2
Cyber Security Threads	2
Security of computer networks	4
Artificial intelligence in cybersecurity	5
Business Continuity	4
Cryptography	4
Training on safe and hygienic learning conditions	0
Sum of ECTS:	30
Semester 2	
Labour market	3
Technologies, methods, tools and good practices that increase IT security	4
Detecting and analyzing threats and responding to security incidents	3
Computer network infrastructure management	4
Technological, social and psychological aspects of data security	2
Wireless and Mobile Networks Security	3
Cryptoanalysis	4
Identity verification	4
Security of mobile and web applications	3
Sum of ECTS:	30
2nd year	
Semester 3	
Certification in Cyber-Security	3
Elements of computer forensics	4
Security audit	5
Diploma seminar and preparation of thesis	10
Modeling and analysis of information systems	5
Methodology of scientific research	3
Sum of ECTS:	30
All ECTS:	90