



1.	Course title	Advanced information security
2.	Course code	БК-3-01
3.	Semester	9
4.	Unit offering the course	Faculty of Computer Science and Engineering
5.	ECTS	6
6.	Goals of the study programme	
	learning Advanced Authentication and Authorization Methods, Security Access Control Models, Protocols and Software for Computer Configurations	
7.	Contents of the study programme	
	Concepts of Information Security: Integrity, Confidentiality, Secrecy, Privacy, Anonymity, Advanced Authentication and Authorization Methods, Types of Access Controls, Advanced Security Models, Methods for detecting Attacks, Real Authentication Protocols, Analysis of Security Protocols, Security Software, Malicious Software, Operating Systems Security, Types of Steganography Techniques, Information Security Management	