



1.	<b>Course title</b>	Applied Cryptography
2.	<b>Course code</b>	ИИФ-С24
3.	<b>Semester</b>	0
4.	<b>Unit offering the course</b>	Faculty of Computer Science and Engineering
5.	<b>ECTS</b>	7,5
6.	<b>Goals of the study programme</b>	
	Implementation of specific types of cryptographic primitives..	
7.	<b>Contents of the study programme</b>	
	Advanced algorithms for generating huge prime numbers and mutually prime numbers; Practical realization of some algorithms for symmetric crypto systems; Implementation of RSA and El Gamal public key systems; Realization and application of key exchange protocols; breaking simple crypto systems.	