1.	**Course title**	Cryptanalysis
2.	**Course code**	БК-И-04
3.	**Semester**	10
4.	**Unit offering the course**	Faculty of Computer Science and Engineering
5.	**ECTS**	6
6.	**Goals of the study programme**	
	Learning tools for cryptanalysis and their application	
7.	**Contents of the study programme**	
	Types of brute force attacks, statistical attacks, differential and linear cryptanalysis, representations of crypto systems as Boolean functions and tests of linearity properties, special types of attacks for some crypto primitives (hash functions, block ciphers, public keys, protocols)	