



1.	Course title	Cryptographic protocols
2.	Course code	БК-И-06
3.	Semester	10
4.	Unit offering the course	Faculty of Computer Science and Engineering
5.	ECTS	6
6.	Goals of the study programme	
	Acquiring basic understanding of cryptographic protocols, their design and analysis.	
7.	Contents of the study programme	
	1. Security assumptions 2. Provable security of cryptographic protocols 3. Key-exchange protocols 4. Commitment schemes 5. Challenge-response identification protocols 6. Zero-knowledge identification protocols 7. Tools for formal verification of protocols 8. Real world protocols	