

Specialty: SOFTWARE ENGINEERING AND MOBILE TECHNOLOGIES					
No.	Subject	ECTS	Year of studies	Semester	Semester
1.	Algorithms and data structures	5	1	summer	2
2.	Basics of structured programming with C/C++ language	5	1	summer	2
3.	Designing web services with elements of computer	5	1	summer	2
4.	Mathematical analysis with linear algebra	5	1	summer	2
5.	IT project management	5	2	summer	4
6.	Database systems	5	2	summer	4
7.	Fundamentals of object-oriented programming in Java	5	2	summer	4
8.	Basics of artificial intelligence	5	2	summer	4
9.	IT systems design	6	3	summer	6
10.	Communications security and cryptography	6	3	summer	6
11.	Cyber-attacks on infrastructure - techniques and countermeasures	6	3	summer	6

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