Teleinformatics 2020/2021

	Name of the course	TOTAL								Semesters																				
										I							II								III					
		Hours	W	C	L	P	S	ECTS	Egz	W	C	L	P	S	ECTS	Egz	W	C	L	P	S	ECTS	Egz	W	C	L	P	S	ECTS	Egz
	General subjects																													
1	Managerial economics	45	**15**	**30**	**0**	**0**	**0**	**3**	**0**	15	30	0	0	0	**3**															
2	Psychology and Sociology and Industrial Relations	30	**0**	**30**	**0**	**0**	**0**	**2**	**0**															0	30	0	0	0	**2**	
3	Technical and Professional Writing	30	**0**	**30**	**0**	**0**	**0**	**1**	**0**								0	30	0	0	0	**1**								
	Major courses																													
4	Advanced Programming Technologies	60	**30**	**0**	**30**	**0**	**0**	**4**	**1**	30	0	30	0	0	**4**	**E**														
5	Computer Methods in Science and Technology	45	**30**	**0**	**15**	**0**	**0**	**4**	**1**	30	0	15	0	0	**4**	**E**														
6	IT Project Mamagement	60	**30**	**0**	**0**	**30**	**0**	**5**	**1**								30	0	0	30	0	**5**	**E**							
7	Parallel and Distributed Programming	60	**30**	**0**	**15**	**15**	**0**	**5**	**1**								30	0	15	15	0	**5**	**E**							
	Specialized courses																													
8	Modern Computer Systems	45	**30**	**0**	**0**	**15**	**0**	**5**	**0**	30	0	0	15	0	**5**															
9	Acquisition and processing of digital signals	60	**30**	**0**	**15**	**15**	**0**	**5**	**1**	30	0	15	15	0	**5**	**E**														
10	Pattern recognition	75	**30**	**0**	**0**	**45**	**0**	**5**	**0**	30	0	0	45	0	**5**															
11	Advanced database technologies	45	**15**	**0**	**0**	**30**	**0**	**4**	**1**	15	0	0	30	0	**4**	**E**														
12	Computer simulations	75	**30**	**0**	**0**	**45**	**0**	**6**	**1**								30	0	0	45	0	**6**	**E**							
13	ICT systems	60	**30**	**0**	**30**	**0**	**0**	**5**	**1**								30	0	30	0	0	**5**	**E**							
14	Service oriented architectures	60	**30**	**0**	**15**	**15**	**0**	**6**	**0**								30	0	15	15	0	**6**								
15	5G networks & Internet of Things	30	**30**	**0**	**0**	**0**	**0**	**2**	**1**															30	0	0	0	0	**2**	**E**
16	Data transmission security	60	**30**	**0**	**30**	**0**	**0**	**4**	**1**															30	0	30	0	0	**4**	**E**
17	Problem Solving Workshop	45	**0**	**0**	**0**	**45**	**0**	**2**	**0**															0	0	0	45	0	**2**	
18	Application and system security	45	**30**	**0**	**0**	**15**	**0**	**2**	**1**															30	0	0	15	0	**2**	**E**
19	Diploma Seminar	30	**0**	**0**	**0**	**0**	**30**	**3**	**0**															0	0	0	0	30	**3**	
20	Preparation of the Diploma Thesis	10	**0**	**0**	**0**	**10**	**0**	**15**	**0**															0	0	0	10	0	**15**	
	Optional courses 1 (1 of 2)																													
21	Optional course 1	45	**30**	**0**	**15**	**0**	**0**	**2**	**0**								30	0	15	0	0	**2**								
	Total	**1015**	**450**	**90**	**165**	**280**	**30**	**90**	**11**	**180**	**30**	**60**	**105**	**0**	**30**	**4**	**180**	**30**	**75**	**105**	**0**	**30**	**4**	**90**	**30**	**30**	**70**	**30**	**30**	**3**
										375							**390**							**250**						

Letter "E" in column "Egz" stands for exam.

W - lecture, C - auditorial exercises, L - laboratories, P - projects, S - seminar

	Optional courses 1 (1 of 2)																													
	Secure Cloud Computing	45	**30**	**0**	**15**	**0**	**0**	**2**	**0**								30	0	15	0	0	**2**								
	Computer-quantum computation methods	45	**30**	**0**	**15**	**0**	**0**	**2**	**0**								30	0	15	0	0	**2**								