

LUBLIN UNIVERSITY OF TECHNOLOGY			field of study: COMPUTER SCIENCE second-degree																				
Faculty of Electrical Engineering and Computer Science			STUDY PROGRAM																				
No	Code	Subject	Schedule of classes in each semesters (number of hours per week) 15 weeks																				
			I					II					III					TOTAL					
			L	C	Lab	P	E	ECTS	L	C	Lab	P	E	ECTS	L	C	Lab	P	E	ECTS	Hours	ECTS	
1	I2S1.00	Health and Safety (e-learning)	5h/semester														0	0					
2	I2S1.01	Science information	2h/semester														0	0					
3	I2S1.02	Preparation and Publication of Scientific Papers*	1	1																	30	2	
4	I2S1.03	Experiment Planning and Results Analysing*	2		2																	60	4
5	I2S1.04	Barriers in the digital space*	2																			30	2
6	I2S1.05	Artificial Intelligence Systems*	2		2																	60	4
7	I2S1.06	Advanced data mining*	2		2																	60	4
8	I2S1.07	Security in computer networks*	2		2																	60	4
9	I2S1.08	Bussiness etic and economic*	2																			30	2
10	I2S1.09	Monographic Lecture*	1																			15	1
11	I2S1.0A	Internet of Things*	2			2																60	3
12	I2S1.0B	Introduction to the Labor Market *	1																			15	1
13	I2S1.0C	Multicriteria Conclusion Methods*	1																			15	1
14	I2S1.0D	Polish language		2																		30	2
15	I2S2.00	Universal Design in Computer Science								2		2										30	2
16	I2S3.00	Interdisciplinary scientific project																2		2		30	2
17	I2S3.01	Diploma Seminar																2		2		30	2
18	I2S3.02	MSc Thesis Preparation																				20	0
Total:			18	2	9	2	0	30					2	28				4		32	1147	90	
Total hours per week:			31					31					14										
Total hours per semester:			465					465					210										

* - the lecture can be conducted in the distance learning mode
valid from the summer semester of academic year 2022/23

LUBLIN UNIVERSITY OF TECHNOLOGY			field of study: COMPUTER SCIENCE second-degree																				
Faculty of Electrical Engineering and Computer Science			specialty: Software development and web services																				
No	Code	Subject	Schedule of classes in each semesters (number of hours per week)																				
			I					II					III					TOTAL					
			L	C	Lab	P	E	ECTS	L	C	Lab	P	E	ECTS	L	C	Lab	P	E	ECTS	Hours	ECTS	
1	I2S2.10	Advanced Android Programming*						2		2				3								60	3
2	I2S2.11	Advance Programming in SWIFT*						2		2				3								60	3
3	I2S2.12	Web Application Programming in JEE*						2		2			E	4								60	4
4	I2S2.13	Advanced Programming in Python*						2		2			E	4								60	4
5	I2S2.14	Application Programming in PL/SQL*						2		2			E	4								60	4
6	I2S2.15	Web Applications Security*						2		2				3								60	3
7	I2S2.16	Full-stack programming in the cloud computing*						2		2				3								60	3
8	I2S2.17	Science project - planning									1			2								15	2
9	I2S3.10	Science project - implementation																2		2		30	2
10	I2S3.11	Design and implementation of business intelligence systems*													2		2				3	60	3
11	I2S3.12	Design Patterns and Clean Code Techniques*													2		2				3	60	3
Total:								14	14	1	3	26	4	4	4	2	8					585	34
Total hours per week:			0					29					10										
Total hours per semester:			0					435					150										

* - the lecture can be conducted in the distance learning mode