

PLAN STUDIÓW STACJONARNYCH II-EGO STOPNIA NA KIERUNKU MAKROKIERUNEK

(Control, electronic and information engineering)

Specjalność: Electronics

Numer	NAZWA PRZEDMIOTU	GODZINY						Sem.1						ECTS	Sem.2						ECTS	Sem.3						ECTS
		Σ	W	Ć	L	P	S	W	Ć	L	P	S			W	Ć	L	P	S			W	Ć	L	P	S		
1	Advanced Optimization Methods	60	30	0	30	0	0	2		2				4														
2	Advanced Topics in Numerical Methods	45	15	0	15	15	0	1		1	1			3														
3	Programmable logic devices	45	15	0	30	0	0	1		2			E	3														
4	Electromagnetic compatibility	30	15	15	0	0	0	1	1				E	2														
5	Optoelectronics	30	15	0	15	0	0	1		1				2														
6	Microelectronics	45	15	0	30	0	0	1		2				3														
7	Sensor networks	30	15	0	15	0	0	1		1				2														
8	System level modeling and design	30	15	0	15	0	0	1		1				2														
9	Power electronics	30	15	0	15	0	0	1		1				2														
10	Analog-Mixed Signal IC Design	45	15	0	30	0	0	1		2				3														
11	Foreign Language	60	0	60	0	0	0		2					2		2					2							
12	Computer System Security	30	15	0	15	0	0								1		1				2							
13	Theory of information and coding	45	30	15	0	0	0								2	1					3							
14	Advanced techniques of PLC programming	45	30	0	15	0	0								2		1				3							
15	Design for testability	30	15	0	15	0	0								1		1				2							
16	Telemedicine	30	15	0	15	0	0								1		1				2							
17	Computer networks	30	15	0	15	0	0								1		1				2							
18	Mobile networks	45	15	0	15	15	0								1		1	1		E	4							
19	Verification of digital systems	30	15	0	15	0	0								1		1				2							
20	Radiocommunication	45	15	30	0	0	0								1	2					4							
21	Optional course 1	30	15	0	15	0	0								1		1				2							
22	Optional course 2	30	15	0	15	0	0								1		1				2							
23	Systems on chip	45	15	0	30	0	0															1		2				2
24	Project Managements (HES)	45	15	0	0	30	0															1			2			3
25	Master Thesis Seminar	30	0	0	0	0	30																		2			2
26	Master Thesis	0	0	0	0	0	0																			E		20
27	Digital telecommunication	45	15	15	0	15	0															1	1		1			3
28	Social sciences (HES), optional course	15	15	0	0	0	0	1						2														
		1020	420	135	360	75	30	12	3	13	1	0		30	13	5	9	1	0		30	3	1	2	3	2		30
		Liczba godzin tygodniowo						29							28							11						
		Liczba egzaminów						2							1							1						
		Liczba zaliczeń						11							12							5						

Optional courses

Plan obowiązuje od roku akademickiego 2025/2026