

specjalization: Power and Measurement

	number of modules	names of modules	sum of hours				ECTS
			lectures	exercises	laboratory	project	
S e m e s t e r 1	E_1	Maths	30	30			4
	E_2	Physics	30				2
	E_3	Electrotechnology	30		30	30	6
	E_4	Non-electrical measurements	30		30		4
	E_5	Numerical methods in technology	30		30		4
	E_6	Automation of industrial processes	30		30		4
	E_7	Electromechanical drive systems	30		30		4
	E_32	Foreign language		30			1
	E_8	Occupational Health and Safety	5				1
	E_9	Research information		2			0

	number of modules	names of modules	sum of hours				ECTS
			W	Ć	L	P	
S e m e s t e r 2	E_10	Disturbances in electrical power systems	30		30		4
	E_30	Costing	30				2
	E_11	Tele-technique in the power industry	30		30		4
	E_12	Optical fiber installation technologies	15		15		5
	E_13	Optical fiber metrology	30			30	5
	E_14	LabVIEW development environment	15		45		4
	E_15	Exploitation and measurement in power industry	30		30		5
	E_31	Monographic lecture - directional	30				1

Lp	number of modules	names of modules	sum of hours				ECTS
			W	Ć	L	P	
S e m e	E_17	Alternative energy sources	30		30		2
	E_18	Computer measuring systems	30		30		2
	E_19	Optoelectronic elements and sensors	30		30		2

s t r 3	E_22	Diploma seminar				30	2
	E_23	Thesis					20
	E_24	The humanistic-economic module	30				2
	E_24	Basics of normalization	15				1
		Introduction to the labor market	15				1