Plan of full-time third-cycle studies (PhD Programme) at the Faculty of Electrical Engineering of the Silesian University of Technology

academic year 2017/2018

			Semester of studies								ımber
No	Course title	I	II	III	IV	V	VI	VII	VIII	ECTS credits	hours
	Number of hours; number of ECTS credits; teaching mode ¹⁾										
I	Courses related to PhD examinations									6	90/90 (180)
1	Selected problems of electric circuit theory		15/15 1 1	15/15 1 1						2	30/30
2	Selected topics in philosophy							15/15 1 s	15/15 1 s	2	30/30
3	English in scientific publications and presentations					15/15 1 s	15/15 1 s			2	30/30
II	Specialization courses									9	90/180 (270)
	3 courses selected by the student's doctoral supervisor depending on the	STA M	STA M			DMT	DMT	PEC	PEC		
	research profile of the organizational unit of the Faculty	15/15	15/45			15/15	15/45	15/15	15/45	9	
	and the doctor's thesis subject	1 s	2 s			s	S	1	s		
III	Optional courses		<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	16	150/330 (480)
1	Methodology of conducting and	15/15	15/15								

	documenting research	1	1							2	30/30
	research	S	S								
2	Computer-aided scientific research				15/15	15/15				2	30/30
	Computer				S	S	15/45	15/45			
3	simulations in electrical engineering						2	2		4	30/90
	engmeering			15/45	15/45		S	S			
4	Rules for writing scientific publications			15/45 2 s	15/45 2 s					4	30/90
	Presentation of issues contained							15/45	15/45		
5	in the doctoral dissertation							2 s	2 s	4	30/90
Total number of ECTS credits and hours										330/600	
									31	(1020)	

Explanations and notes: 1) in individual semesters: the first row – number of contact hours / student workload hours, the second row – number of ECTS credits, the third row – teaching mode; 2) denotation of teaching mode form: 1 - lecture, s - seminar; 3) 90 hours of didactic classes conducted each year by a PhD student are not included (i.e. 360 hours in total).

STAM – Selected topics in applied mathematics

DMT – Digital measurement and decision techniques used in power engineering

PEC - Power electronic converters - statics and dynamics