

## [en]Odporúčaný študijný plán

EE\_Ing\_D - Electric Power Engineering

Academic year **2016/2017**  
 Form of study **Full time**  
 Study grade **Master**  
 Study programme **2675802D - EE\_Ing\_D Electric Power Engineering**

	<b>C</b>	<b>OE</b>	<b>V</b>	<b>Together</b>
1st year WT	3/18/13	4/24/18	0/0/0	7/42/31
1st year ST	3/18/13	4/24/17	0/0/0	7/42/30
2nd year WT	3/18/16	3/18/13	0/0/0	6/36/29
2nd year ST	3/24/24	2/12/5	0/0/0	5/36/29
Courses	12	13	0	25
Credits	78	78	0	156

### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E		OP
2610201	Automatization of Electric Power Plant Service	C	6	Zápočet a skúška (ZS)	2	-	1	-	1	-	-	-	-	týždeň
26000590	Basics of Research Work	OE	6	Klasifikovaný zápočet (KZ)	1	1	-	-	2	-	-	-	-	týždeň
2610233	Electroheat Technology	OE	6	Zápočet a skúška (ZS)	2	-	1	-	1	-	-	-	-	týždeň
2620181	Optimisation of Electric Power System Operation	C	6	Zápočet a skúška (ZS)	2	-	-	2	1	-	-	-	-	týždeň
2622201	Overvoltages in electrical network	OE	6	Zápočet a skúška (ZS)	2	-	-	2	1	-	-	-	-	týždeň

### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant										
					P	S	CN	CL	PP	A	S	E	OP		
2620171	Quality and reliability of electric power delivery	C	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-	-	týždeň
2610161	Simulation in Electric Power System	OE	6	Zápočet a skúška (ZS)	2	-	-	2	1	-	-	-	-	-	týždeň

In period from 1st year WT to 1st year WT for enrollment to the next period is necessary to pass successfully courses for 18 credits.

In period from 1st year WT to 1st year WT is necessary to sign on 5 courses.

In period from 1st year WT to 1st year WT is necessary to sign on 3 C courses, 2 OE courses, 0 V courses.

### 1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant										
					P	S	CN	CL	PP	A	S	E	OP		
2610243	Design of the illuminating systems	OE	6	Zápočet a skúška (ZS)	1	-	-	-	3	-	-	-	-	-	týždeň
26000175	Electrical power network	OE	6	Zápočet a skúška (ZS)	2	-	1	-	1	-	-	-	-	-	týždeň
2618171	Electric power system operation control	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	1	-	-	týždeň
2610251	Electric power systems and the environment	OE	6	Zápočet a skúška (ZS)	2	1	-	1	-	-	-	-	-	-	týždeň
2608241	Power Electronics	OE	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-	-	týždeň
26000721	Thesis project 1	C	6	Klasifikovaný zápočet (ZP-KZ)	-	2	-	-	2	-	-	-	-	-	týždeň
2610221	Transient Stability of Power System	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-	-	týždeň

In period from 1st year ST to 1st year ST for enrollment to the next period is necessary to pass successfully courses for 18 credits.

In period from 1st year WT to 1st year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

In period from 1st year ST to 1st year ST is necessary to sign on 5 courses.

In period from 1st year ST to 1st year ST is necessary to sign on 3 C courses, 2 OE courses, 0 V courses.



## 2.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant															
					P	S	CN	CL	PP	A	S	E	OP							
29000112	<i>Sociology of Business Enterprise</i>		6	<i>alternative</i>																
29000116	<i>Successful Professional Carrier</i>		6	<i>alternative</i>																
29000114	<i>Team Work</i>		6	<i>alternative</i>																
29000118	<i>Topical Problems in Current Philosophy</i>		6	<i>alternative</i>																
26000198	Labour and Commercial Law	OE	6	Klasifikovaný zápočet (KZ)	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	týždeň
26000101	Management of Electric Power Enterprises	OE	6	Klasifikovaný zápočet (KZ)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	týždeň

In period from 1st year ST to 2nd year ST is necessary to sign on 4 courses.

In period from 1st year ST to 2nd year ST is necessary to sign on 3 C courses, 1 OE course, 0 V courses.

In period from 1st year WT to 2nd year ST for study completion is necessary to pass successfully courses for 120 credits.

In period from 2nd year WT to 2nd year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

## State examination courses

#	Code	Course	Completion	Type	Faculty
1	26000009	Main Knowledge of Study Field of Electrical Engineering and its Use	Štátna skúška pre 1. a 2. stupeň	C	FEI
2	26000725	Master thesis	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	26000722	<i>Thesis project 2</i>	<i>prerequisite</i>		

Explanatory:

[en]Typ predmetu:

C - compulsory courses, OE - obligatory elective courses, V - voluntary courses

Hours grant

P - Prednáška, S - Seminár, CN - Cvičenie numerické, CL - Cvičenie laboratórne, PP - Projektová práca, A - Ateliér, S - Stáž, E - Exkurzia, OP - Odborná prax

## State examination courses

#	Code	Course	Completion	Type	Faculty
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### Course completion

Zápočet (Z-U) - Zápočet, Zápočet a skúška (ZS) - Zápočet a skúška, Klasifikovaný zápočet (KZ) - Klasifikovaný zápočet, Klasifikovaný zápočet (ZP-KZ) - Klasifikovaný zápočet, Zápočet (Z-%) - Zápočet, Skúška (Sk) - Skúška, Klasifikovaný zápočet (KZ-PH) - Klasifikovaný zápočet

Alternative courses in italics are shown. passing an alternative course equals to passing an original course.

Prerequisite courses in italics are shown. before the courses with a prerequisite you must successfully complete the prescribed prerequisites.

### Summary table

X/Y/Z - X(total courses)/Y(Number of credits)/Z(total hours)