

## [en]Odporúčaný študijný plán

PE\_Bc\_D - Industrial Electrical Engineering

Academic year **2016/2017**  
 Form of study **Full time**  
 Study grade **Bachelor**  
 Study programme **2675734D - PE\_Bc\_D Industrial Electrical Engineering**

	C	OE	V	Together
1st year WT	6/31/26	0/0/0	0/0/0	6/31/26
1st year ST	6/31/27	0/0/0	0/0/0	6/31/27
2nd year WT	3/18/13	3/18/11	0/0/0	6/36/24
2nd year ST	3/18/10	3/18/11	0/0/0	6/36/21
3rd year WT	3/18/16	3/18/12	0/0/0	6/36/28
3rd year ST	2/18/14	4/23/14	0/0/0	6/41/28
Courses	23	13	0	36
Credits	134	77	0	211

### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000629	Fundamentals of Algorithms and Programming	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
2607333	Fundamentals of Electrical Engineering	C	6	Klasifikovaný zápočet (KZ)	2	-	2	-	-	-	-	-	-
26000618	Fundamentals of Materials Engineering	C	6	Zápočet a skúška (ZS)	2	1	-	1	-	-	-	-	-

### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2618181	Mathematics I	C	6	Zápočet a skúška (ZS)	3	2	2	-	-	-	-	-	-
29000139	Physical Education I	C	1	Zápočet (Z-U)	-	-	-	2	-	-	-	-	-
2600171	Physics I	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-

In period from 1st year WT to 1st year WT is necessary to sign on 6 courses.

In period from 1st year WT to 1st year WT is necessary to sign on 6 C courses.

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.

### 1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2619533	Electrical engineering practices	C	6	Klasifikovaný zápočet (KZ)	2	-	-	2	-	-	-	-	-
2618641	Electrotechnics	C	6	Zápočet a skúška (ZS)	3	3	-	-	-	-	-	-	-
2619621	Mathematics II	C	6	Zápočet a skúška (ZS)	3	-	3	-	-	-	-	-	-
29000140	Physical Education II	C	1	Zápočet (Z-U)	-	-	-	2	-	-	-	-	-
2607481	Physics II	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
2607391	Programming	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-

In period from 1st year ST to 1st year ST is necessary to sign on 6 courses.

In period from 1st year ST to 1st year ST is necessary to sign on 6 C courses.

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.

## 2.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000424	Applied analog electronics	C	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	
2620301	CAD systems in electrical engineering	OE	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	
2620471	Industrial Electrical Engineering	C	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	
2619661	Numerical Mathematics, Probability Theory and Mathematical Statistics	C	6	Zápočet a skúška (ZS)	3	-	2	-	-	-	-	-	-	
26000098	Operating System - Windows server I	OE	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	
2620513	Semestral project I	OE	6	Klasifikovaný zápočet (KZ)	-	-	-	-	3	-	-	-	-	

In period from 2nd year WT to 2nd year WT for enrollment to the next period is necessary to pass successfully courses for 18 credits.

In period from 2nd year WT to 2nd year WT is necessary to sign on 5 courses.

In period from 2nd year WT to 2nd year WT is necessary to sign on 3 C courses, 2 OE courses.

## 2.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000426	Applied digital electronics	C	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	
29000195	FEI – English I	C	6	Zápočet a skúška (ZS)	-	2	-	-	-	-	-	-	-	
2610751	Metrology	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	
2620271	MS Office at technical practice	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	
2620523	Semestral project II	OE	6	Klasifikovaný zápočet (KZ)	-	-	-	-	3	-	-	-	-	
26000425	Simulation software for analysis of electrical circuits	C	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-	

In period from 2nd year ST to 2nd year ST is necessary to sign on 5 courses.

In period from 2nd year ST to 2nd year ST is necessary to sign on 3 C courses, 2 OE courses.



### 3.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant															
					P	S	CN	CL	PP	A	S	E	OP							
29000202	<i>Ethics</i>		6	<i>alternative</i>																
29000200	<i>Philosophy</i>		6	<i>alternative</i>																
29000199	<i>Political Science</i>		6	<i>alternative</i>																
29000197	<i>Psychology</i>		6	<i>alternative</i>																
29000198	<i>Sociology</i>		6	<i>alternative</i>																
2620413	Technological practice in company	OE	6	Klasifikovaný zápočet (KZ)	-	-	-	-	-	-	-	-	-	4	-					

In period from 3rd year ST to 3rd year ST is necessary to sign on 4 courses.

In period from 3rd year ST to 3rd year ST is necessary to sign on 2 C courses, 2 OE courses.

In period from 3rd year WT to 3rd year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

In period from 1st year WT to 3rd year ST for study completion is necessary to pass successfully courses for 180 credits.

### State examination courses

#	Code	Course	Completion	Type	Faculty
1	2620463	Bachelor work	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	2620453	<i>Bachelor project</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

Course completion

## State examination courses

#	Code	Course	Completion	Type	Faculty
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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)