



### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2618893	Seminar on Actual Problems in Materials Sciences and Applications	V	2	Klasifikovaný zápočet (KZ)	-	2	-	-	-	-	-	-	-
2618841	Equations of Mathematical Physics	OE	6	Zápočet a skúška (ZS)	2	-	3	-	-	-	-	-	-
2618871	Experimental Methods in Materials Sciences I	C	6	Klasifikovaný zápočet (KZ)	2	-	-	2	-	-	-	-	-
26000749	Microstructural analysis of the materials in electronics	C	6	Zápočet a skúška (ZS)	3	-	1	2	-	-	-	-	-
2618861	Phase Transitions and Critical Phenomena	OE	6	Zápočet a skúška (ZS)	2	-	3	-	-	-	-	-	-
2618851	Quantum Physics	OE	6	Zápočet a skúška (ZS)	2	-	3	-	-	-	-	-	-
2613351	Theory of the electromagnetic field	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-

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
29000191	FEI – Foreign Language for Specific Purposes II	V	4	Zápočet a skúška (ZS)	-	2	-	-	-	-	-	-	-
29000190	<i>FEI-odborný kurz I.-cudzí jazyk</i>		0	<i>prerequisite</i>									
29000175	<i>FEI – English Language for Specific Purposes II</i>		4	<i>alternative</i>									
29000176	<i>FEI – German Language for Specific Purposes II</i>		4	<i>alternative</i>									
29000177	<i>FEI – Russian Language for Specific Purposes II</i>		4	<i>alternative</i>									
2618963	Seminar on Actual Problems in Materials Sciences and Applications	V	2	Klasifikovaný zápočet (KZ)	-	2	-	-	-	-	-	-	-

## 1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000733	Diploma project	C	6	Klasifikovaný zápočet (KZ)	-	2	-	-	6	-	-	-	-	-
2618923	Experimental Methods in Materials Sciences II	C	6	Zápočet a skúška (ZS)	2	-	-	4	-	-	-	-	-	-
26000588	Magnetism and Magnetic Materials	OE	6	Zápočet a skúška (ZS)	2	2	-	-	-	-	-	-	-	-
26000589	NMR spectroscopy of solids	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-	-
2619001	Polymer Based Materials	OE	6	Zápočet a skúška (ZS)	2	2	-	-	-	-	-	-	-	-
26000737	Quality and Reliability Management	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-	-

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 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.

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	
2619023	Seminar on Actual Problems in Materials Sciences and Applications	V	2	Klasifikovaný zápočet (KZ)	-	2	-	-	-	-	-	-	-	-
26000730	Diploma Project 2	C	6	Klasifikovaný zápočet (KZ)	-	2	-	-	6	-	-	-	-	-
26000733	Diploma project		6	prerequisite										
2619011	Materials at Extreme Conditions	OE	6	Zápočet a skúška (ZS)	2	2	-	-	-	-	-	-	-	-
2618951	Materials for Biomedical Applications	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-	-
26000738	Materials for Electrotechnic Applications	OE	6	Zápočet a skúška (ZS)	2	-	-	1	-	-	-	-	-	-



## 2.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S		E	OP
26000198	Labour and Commercial Law	OE	6	Klasifikovaný zápočet (KZ)	3	-	-	-	-	-	-	-	-	
2619041	Nanomaterials and Nanotechnologies	OE	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-	
2619061	Tomography of Materials	OE	6	Zápočet a skúška (ZS)	2	2	-	-	-	-	-	-	-	

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, 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	26000734	Diploma Thesis	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	<i>26000730</i>	<i>Diploma Project 2</i>	<i>prerequisite</i>		
2	26000731	The main findings of the Department and their use	Štátna skúška pre 1. a 2. stupeň	C	FEI

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

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.

**State examination courses**

#	Code	Course	Completion	Type	Faculty
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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)