

[en]Odporúčaný študijný plán

IS_Bc_D - Intelligent System

Academic year **2016/2017**
 Form of study **Full time**
 Study grade **Bachelor**
 Study programme **2647703D - IS_Bc_D Intelligent System**

	C	OE	V	Together
1st year WT	6/31/26	0/0/0	0/0/0	6/31/26
1st year ST	6/31/28	0/0/0	1/1/3	7/32/31
2nd year WT	4/24/17	4/24/16	0/0/0	8/48/33
2nd year ST	4/24/15	4/24/17	1/1/3	9/49/35
3rd year WT	3/18/17	6/36/24	0/0/0	9/54/41
3rd year ST	3/24/17	4/24/16	0/0/0	7/48/33
Courses	26	18	2	46
Credits	152	108	2	262

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
26000766	Technologies for Presentations	V	1	Klasifikovaný zápočet (KZ)	1	-	-	-	2	-	-	-	-
26000764	Basics of Intelligent Systems	C	6	Zápočet a skúška (ZS)	3	1	-	1	-	-	-	-	-
2618081	Electrotechnics	C	6	Zápočet a skúška (ZS)	3	-	3	-	-	-	-	-	-
2609691	Introduction to Automatic Control	C	6	Zápočet a skúška (ZS)	2	-	3	-	-	-	-	-	-
2619621	Mathematics II	C	6	Zápočet a skúška (ZS)	3	-	3	-	-	-	-	-	-
29000140	Physical Education II	C	1	Zápočet (Z-U)	-	-	-	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 ST

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000781	Fuzzy Systems	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-
2610111	Knowledge Based Systems	C	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-
2607481	Physics II	OE	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
2608621	Scheduling and Logistics	OE	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-

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.

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

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 4 C courses, 1 OE course.

3.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000783	Bachelor project	C	6	Klasifikovaný zápočet (ZP-KZ)	-	2	-	-	6	-	-	-	-
26000685	Business Analytics	OE	6	Zápočet a skúška (ZS)	2	-	1	-	1	-	-	-	-
2617641	Computer Systems in Control	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000779	Intelligent Decision Making Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000780	Intelligent Robotics	C	6	Zápočet a skúška (ZS)	2	1	-	1	-	-	-	-	-
2621421	IT management	OE	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-
26000786	Models and control of industrial processes	OE	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-
26000785	Neural Networks	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-

3.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000784	Optimal Control of Hybrid Systems	C	6	Zápočet a skúška (ZS)	3	-	-	1	1	-	-	-	-	-

In period from 3rd year WT to 3rd year WT is necessary to sign on 5 courses.

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

In period from 3rd year WT to 3rd year WT for enrollment to the next period is necessary to pass successfully courses for 18 credits.

3.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000828	Applications of Cloud Technologies	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000826	Intelligent systems and Internet of Things	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-	-
26000793	Repetition of Field	C	6	Zápočet a skúška (ZS)	1	1	-	1	-	-	-	-	-	-
26000788	Service Robotics	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
29000196	Social Sciences	C	6	Klasifikovaný zápočet (KZ)	-	2	-	-	-	-	-	-	-	-
29000203	<i>Aesthetics</i>		6	<i>alternative</i>										
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>										
26000654	Web Technologies	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-

3.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	

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 3 C courses, 1 OE course.

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	26000787	Bachelor thesis	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	<i>26000783</i>	<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

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

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)