

[en]Odporúčaný študijný plán

INF_Ing_D - Informatics

Academic year **2016/2017**
 Form of study **Full time**
 Study grade **Master**
 Study programme **2508800D - INF_Ing_D Informatics**

	C	OE	V	Together
1st year WT	3/18/13	12/72/50	0/0/0	15/90/63
1st year ST	3/18/17	8/48/32	0/0/0	11/66/49
2nd year WT	3/18/16	12/72/50	0/0/0	15/90/66
2nd year ST	4/30/27	0/0/0	0/0/0	4/30/27
Courses	13	20	0	33
Credits	84	120	0	204

1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2609041	Computer Graphics	OE	6	Zápočet a skúška (ZS)	3	-	-	1	1	-	-	-	-
26000640	Current Trends in Informatics 1	C	6	Klasifikovaný zápočet (KZ)	-	2	-	2	-	-	-	-	-
26000643	Data Processing Technologies and Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2612241	Digital systems design using VHDL	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2608941	Distributed Systems	OE	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	
26000653	Domain Specific Languages Development	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
2611411	Functional programming	OE	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-	-
2611461	Modelling and Simulation	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000642	Requirements Engineering	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
2612331	Routing algorithms in computer networks	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
2611531	Semantics of Programming Languages	C	6	Zápočet a skúška (ZS)	3	-	2	-	-	-	-	-	-	-
26000651	Software Systems Evolution	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000652	Solving Problems of Large Scale Infrastructures	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000641	Team Project	C	6	Klasifikovaný zápočet (KZ)	-	2	-	-	2	-	-	-	-	-
2616071	Type theory	OE	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	
26000648	Cloud Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000644	Current Trends in Informatics 2	C	6	Klasifikovaný zápočet (KZ)	-	2	-	2	-	-	-	-	-	-
26000655	Diploma Project 1	C	6	Klasifikovaný zápočet (ZP-KZ)	-	2	-	-	6	-	-	-	-	-

1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2615951	Logics for informaticians	OE	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-
26000645	Metaprogramming	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000646	Modeling and Prototyping of Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2612261	Parallel computer systems	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
26000887	Stochastic modeling and data analysis	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000657	Technologies based on Switched Networks	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000647	Verified System Development	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2610091	Virtual Reality Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2609041	Computer Graphics		6	<i>prerequisite</i>									

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
2609041	Computer Graphics	OE	6	Zápočet a skúška (ZS)	3	-	-	1	1	-	-	-	-
26000643	Data Processing Technologies and Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2612241	Digital systems design using VHDL	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-

2.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000656	Diploma Project 2	C	6	Klasifikovaný zápočet (ZP-KZ)	-	2	-	-	6	-	-	-	-
2608941	Distributed Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-
26000653	Domain Specific Languages Development	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2611411	Functional programming	OE	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
26000650	Information and Communication Security	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2611461	Modelling and Simulation	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2611481	Parallel programming	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000642	Requirements Engineering	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2612331	Routing algorithms in computer networks	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000651	Software Systems Evolution	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
26000652	Solving Problems of Large Scale Infrastructures	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-
2616071	Type theory	OE	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-

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, 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	
2613243	Human Sciences	C	6	Klasifikovaný zápočet (KZ)	-	2	-	-	-	-	-	-	-	-
29000120	<i>Business Ethics</i>		6	<i>alternative</i>										
29000117	<i>Current Trends in Development of Modern Societies</i>		6	<i>alternative</i>										
29000115	<i>Effective social communication</i>		6	<i>alternative</i>										
29000119	<i>Etiquette, Image and Business Protocol</i>		6	<i>alternative</i>										
29000113	<i>Leadership</i>		6	<i>alternative</i>										
29000112	<i>Sociology of Business Enterprise</i>		6	<i>alternative</i>										
29000116	<i>Successful Professional Career</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	C	6	Klasifikovaný zápočet (KZ)	3	-	-	-	-	-	-	-	-	-

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.

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

In period from 2nd year ST to 2nd year ST is necessary to sign on 4 C courses, 0 OE courses, 0 V courses.

State examination courses

#	Code	Course	Completion	Type	Faculty
1	2611333	Diploma Thesis	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	2618023	<i>Diploma Project</i>	<i>prerequisite</i>		

State examination courses

#	Code	Course	Completion	Type	Faculty
2	26000004	Main Knowledge of Study Field of Informatics and its 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.

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)