

Study Programme: Engineering Informatics
Study Branch: Information Technologies
Form of Studies: Full-time
Academic Year: 2017/2018

**1st Year
Mgr.**

Code	Compulsory subjects	Tutors	Winter semester					Summer semester						
			P	S	C	End	Cr	P	S	C	End	Cr		
A7SIS	Simulation of Systems	Vašek L. ext., AUART	2	0	2	z, zk	5							
A7PPS	Computer Network Operation	Matýsek, AUPKS	2	0	2	z, zk	4							
A7SWI	Software engineering	Šilhavý R., AUPKS	1	0	2	z, zk	4							
A7TSZ	Telecommunication systems	Vlček, AUPKS	2	0	2	z, zk	4							
A7MPP	Cross Platform Programming	Bližňák, AUIUI	2	0	2	kl	5							
A7MST	Mathematical Statistics	Fajkus, AUM	2	2	0	z, zk	5							
A7PVB	Computer Viruses and Security	Malaník, AUIUI	1	0	2	kl	3							
PAAO1,PAAO2	Technical English I, II	Outěřická, CJV (FHS)	0	3	0	kl	2	0	2	0	z, zk	2		
A8GIS	Geographic Information Systems	Vašek L. ext., AUART						1	0	2	z, zk	4		
A8MMI	Multimedia	Sysala, AUART						2	0	2	z, zk	4		
A8PPP	Parallel processes and programming	Bližňák, AUIUI						1	0	2	kl	4		
A8UNS	Artificial Neural Networks	Komínková Oplatková, AUIUI						2	0	2	z, zk	4		
A8MAI	Mathematical Informatics	Šenkeřík, AUIUI						2	2	0	z, zk	5		
A8ZSZ	Signal processing	Kubalčík, AURP						2	1	0	z, zk	3		
A8NET	.NET Technology	Vařacha, AUIUI						1	0	2	kl	2		
Subtotal			29			32		26			28			

Code	Compulsory subjects	Tutors	Winter semester			Summer semester		
A0OPI	Professional Placement	Jašek, AUIUI	120	z	5	120	z	5

***) The Professional Placement subject (i.e. 120 hours work) can be fulfilled during any semester of their follow-up studies

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**2nd Year
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Code	Compulsory subjects	Tutors	Winter semester					Summer semester						
			P	S	C	End	Cr	P	S	C	End	Cr		
A9EVT	Evolutionary Computation	Šenkeřík, AUIUI	2	0	2	z, zk	6							
A9SWC	Softcomputing	Šenkeřík, AUIUI	2	0	2	z, zk	5							
A9BIS	Security of Information Systems	Jašek, AUIUI	2	0	2	z, zk	4							
A9MTE	Mobile Technology	Vala, AUIUI	1	0	3	kl	4							
A9MNP	Modeling and Identification of Stochastic Processes	Kubalčík, AURP	2	0	2	z, zk	5							
A7HRP	Field Programmable Gate Array	Vlček, AUPKS	2	0	2	kl	4							
A9PVG	Parallel Computation on Graphics Processors	Bližňák, AUIUI	1	0	2	kl	3							
A0VTV	Selected Techniques of Software Development	Vařacha, AUIUI							2	1	0	kl	3	
A0PRS	Designing of Control and Information Systems	Hruška, AUEM							2	2	1	z, zk	5	
A0ZPP	Fundamentals of Emergency Health Aid	Burget, AUART							7*)			z	1	
A0DPI	Master thesis	Jašek, AUIUI							0	0	23	z	20	
	In total								27				31	29

Code	Optional subjects	Tutors	Winter semester					Summer semester						
			P	S	C	End	Cr	P	S	C	End	Cr		
PTDSA	Diploma Seminar in English	Lengálová, CJV (FHS)	0	2	0	z	1							
A0ZPO	Business Basics	Kunovský ext., AUBI							0	2	0	kl	3	

*) This subject is taught in blocks of 7 hours per semester. These hours are not included in the summary