

Code	Compulsory subjects	Tutors	Winter semester					Summer semester				
			P	S	C	End	Cr	P	S	C	End	Cr
AE1MA	Mathematical Seminar	Fajkus, AUM	2	4	1	z, zk	8					
AE1SP	Software Support for Engineering Calculations	Perůtka, AURP	0	0	3	kl	3					
AE1HS	Hardware and Operating Systems	Sysel, AUPKS	2	0	2	kl	4					
AE1IG	Engineering Graphics	Janošík, TUVI (FT)	0	1	2	kl	4					
AE1L1	Introduction to Robotics	Novák, AUART	1	0	2	kl	2					
AE1FY	Physical Seminar	Tomášková, AUEM	2	3	1	z, zk	8					
AE1PM	Programming Methods	Dulík, AUIUI						2	0	2	kl	4
AE2AI	Automatic Control	Matušů, AUART						2	3	2	z, zk	7
AE2MR	Mechanics in Robotic Systems	Stoklásek, AUART						2	2	0	z, zk	5
AE2SD	Data Transfer and Storage Systems	Vojtěšek, AURP						1	0	2	kl	5
AE2EI	Electrotechnics	Macků, AURP						2	2	2	z, zk	6
AE2LO	Field-Specific Laboratory	Dlabaja, AUART						0	0	2	kl	3
SP1	Sport 1	Melichárek Z. MUTV (FaME)						0	0	2	z	1
In total			26					29	28			31

Attachments can be found on the FAI website at: Student FAI / Výuka / Studijní plány - <https://fai.utb.cz/student/vyuka/studijni-plany/>

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			P	S	C	End	Cr	P	S	C	End	Cr
AE3VK	Selected Chapters in Mathematics	Řezníčková, AUM	2	2	0	z, zk	5					
AE3OP	Object Programming	Král, AUPKS	1	0	2	kl	4					
AE3PP	PLC Programming	Sysala, AUART	2	0	2	z, zk	5					
AE3IM	Instrumentation and Measurement	Navrátil M., AUEM	2	2	2	z, zk	5					
AE3TA	Technical Means of Automation	Adámek, AUART	2	0	2	z, zk	6					
AE3UM	Introduction to Materials Science	Maňas	2	0	1	z, zk	4					
AE3L1	Robotics Laboratory 1	Navrátil P., AURP	0	0	2	z	3					
SP2	Sport 2	Melichárek Z. MUTV (FaME)	0	0	2	z	1					
AE4AM	Actuators of Mechatronic Systems	Martínek, AUEM						2	0	2	z, zk	5
AE4RM	Managing Material Flows	Maňas						2	0	2	z, zk	4
AE4SR	Continuous Control	Pekař, AUART						2	2	1	z, zk	6
AE4RL	Production Management and Logistics	Krayem, AUIUI						1	0	3	kl	4
AE4KR	Construction of Robots and Manipulators	Mizera, AUART						0	1	2	z, zk	4
AE4L2	Robotics Laboratory 2	Mach, AUART						0	0	2	kl	3
SP3	Sport 3	Melichárek Z. MUTV (FaME)						0	0	2	z	1
In total			28					33				
								24				
								27				

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			P	S	C	End	Cr	P	S	C	End	Cr
AE5PP	Programming and Application of Industrial Robots and Manipulators	Vašek L. ext., AUART	1	0	2	z, zk	4					
AE5ES	Embedded Systems with Microcomputers	Dolinay, AUART	2	0	4	z, zk	6					
AE5ME	Fluid Mechanics	Janáčková, AUART	2	2	1	z, zk	5					
AE5AA	Analog and Digital Technology	Macků, AURP	2	1	2	z, zk	6					
AE5MS	Mechatronic Systems	Adámek, AUBI	2	0	2	z, zk	6					
AE5PI	Term Project	Matušů, AUART	0	1	0	z	2					
SP4	Sport 4	Melichárek Z. MUTV (FaME)	0	0	2	z	1					
AE6TE	Heat Processes	Janáčková, AUART						2	3	0	z, zk	6
AE6CS	CAD Systems in Electrical Engineering	Dostálek, AUART						0	0	2	kl	3
AE6UI	Artificial and Computational Intelligence	Komínková Oplatková, AUIUI						2	0	2	z, zk	5
AE6SS	Soft Skills	Minaříková, AUART						0	2	0	z	2
AE6BR	Bachelor's Thesis	Matušů, AUART						0	0	17	z	14
In total			26					30				

The course Bachelor Thesis (BT) includes not only individual work of students but also organized teaching for a total of 14 hours/semester in the following division into 2 teaching blocks:

Block 1: student presentations, presenting the status of the BT solution, approval of the BT outline, professional and formal requirements of the written BT, information on the faculty's job search assistance options

Block 2: student presentations with the participation of BT leaders, presenting the almost finished BT.

The conditions and dates of these inspection days are set by the field supervisor at the beginning of the summer semester.