

Code	Compulsory subjects	Tutors	Winter semester					Summer semester						
			P	S	C	End	Cr	P	S	C	End	Cr		
AE1MA	Seminar of Mathematics	Chudá Hana	2	4	1	z, zk	8							
AE1IP	Software Support of Engineering Computation	Perůtka Karel	0	0	3	kl	4							
AE3HO	Hardware and Operating Systems	Sysel Martin	2	0	2	kl	4							
AE1PM	Programming Methods	Dulík Tomáš	2	0	2	kl	5							
AE1UM	Introduction to Material Sciences	Maňas Miroslav	2	0	1	z, zk	4							
AE1IG	Engineering Graphics	Huba Jakub	0	1	2	kl	4							
AE2AR	Automatic Control	Vašek Vladimír						2	1	2	z, zk	7		
AE2M1	Mathematics I	Řezníčková Jana						2	2	0	z, zk	7		
AE2FS	Seminar of Physics	Tomášková Hana						2	3	1	z, zk	7		
AE2SD	Data Transfer and Storage Systems	Vojtěšek Jiří, Prokopová Zdenka						1	0	2	z, zk	5		
AE2RM	Managing Material Flows	Maňas Miroslav						2	0	2	kl	4		
SP1	Sport 1	Melichárek Zdeněk						0	0	2	z	1		
	In total							21		29		24		31

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

Code	Compulsory subjects	Tutors	Winter semester					Summer semester						
			P	S	C	End	Cr	P	S	C	End	Cr		
AE5ME	Fluid Mechanics	Janáčková Dagmar	2	2	0	z, zk	5							
AE5ES	Embedded Systems with Microcomputers	Vašek Vladimír/Dolinay Jan	2	0	4	z, zk	5							
AE5AK	Actuators	Křesálek Vojtěch	2	0	2	z, zk	4							
AE5AA	Analog and Digital Technology	Adámek Milan	2	1	2	z, zk	6							
AE3MS	Mechatronic Systems	Adámek Milan	2	0	2	z, zk	6							
AE5PI	Term Project	Vašek Vladimír	0	1	0	z	1							
SP4	Sport 4	Melichárek Zdeněk	0	0	2	z	1							
AE6PA	Programming and Application of Industrial Robots and Manipulators	Vašek Lubomír						2	0	3	z, zk	5		
AE6CS	CAD Systems in Electrical Engineering	Dostálek Petr						0	0	2	kl	3		
AE6UI	Artificial and Computational Intelligence	Komínková Oplatková Zuzana						2	0	2	z, zk	5		
AE6SS	Softskills	Minařiková						0	2	0	z	2		
AE6BA	Bachelor Thesis	Vašek Vladimír						0	0	15	z	17		
In total			26					28		28			32	

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.