

Full time training
Curriculum "E"

with weekly hours: lectures (lc), practices (pr), laboratory (lb); with requirements (re); with credits (cr)

Nr	Subject code	Subject name	C.	Week-ly hours	Credit	Semesters																												Prerequisites												
						1.					2.					3.					4.					5.					6.					7.					Nr	Subject code	C.	Nr	Subject code	C.
						lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr						
Common Courses of Speciality total:						28	39																																							
40.	KMXAZ1ABNE	Automatics I.		4	6																															2.	KEXMA2ABNE		21.	KHXVT3ABNE						
41.	KMXAZ2ABNE	Automatics II.		3	4																																									
42.	KMXBRIABNE	Embedded systems		5	6																															29.	KEXDT2ABNE		32.	KEXEL2ABNE						
43.	KMXJK1ABNE	Signal processing I.		5	5																															27.	KMXMT2ABNE									
44.	KMXJK2ABNE	Signal processing II.		1	3																															43.	KMXJK1ABNE									
45.	KMXMA1ABNE	Instrumentation-automation I.		3	4																															29.	KEXDT2ABNE		32.	KEXEL2ABNE						
46.	KMXMA2ABNE	Instrumentation-automation II.		3	3																															27.	KMXMT2ABNE									
47.	KMPPM1ABNE	Project I.		2	4																															33.	KMXAU1ABNE		45.	KMXMA1ABNE						
48.	KMPPM2ABNE	Project II.		2	4																															47.	KMPPM1ABNE									
Obligatory Optional Groups (Module) of Subjects total:						17	20																																							
Automatic manufacturing systems				(5)																																										
49.	KMWGY1ABNE	Automatic manufacturing systems I.		7	6																															42.	KMXBRIABNE									
50.	KMWGY2ABNE	Automatic manufacturing systems II.		7	8																															49.	KMWGY1ABNE									
51.	KMWIN1ABNE	Information systems		3	6																															50.	KMWGY2ABNE									
Free Optional Courses total:						4	10																																							
52.		Free optional subject 1		2	3																																									
53.		Free optional subject 2		2	3																																									
54.		Free optional subject 3		2	4																																									
Subject of Thesis total:						6	15																																							
55.	KMDSDIABNE	Thesis		6	15																															48.	KMPPM2ABNE									
Criterion Courses total:						(6)	4																																							
56.	GTSTESTNEV1	Physical education I.		2	0																																									
57.	GTSTESTNEV2	Physical education II.		2	0																																									
Total:				170	210	14	8	0	29	15	11	7	31	14	3	11	30	15	1	11	32	16	2	11	33	13	1	5	27	6	0	6	28													
Weekly hours total:						22					33					28					27					29					19					12										
Examination (e):											5					5					5					5					2					2										
Assignment (a):											3					5					3					4					4					5					1					
Signature (s):											0					1					1					0					0					0					1					

Comments: # Courses signed by character # can be started paralelly, if necessary.

- (1) Sign of course makes necessary to fulfill prerequisites.
- (2) The semester of the placement of the given subject is determined by the institution depending on the number of students.
- (3) The subject is taught in an e-learning or blended learning system, and the detailed half-year requirement of the subject is the guide.
- (4) List of obligatory optional courses and free optional courses are included on the next table.
- (5) All subjects of the chosen subject group are required.
- (6) The criterion requirement is a mandatory requirement in the curriculum that does not have a credit point. (TVSZ. 35. § (4))

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						1.					2.					3.					4.					5.					6.					7.					Nr	Subject code	C.	Nr	Subject code	C.																																					
						lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr																																											
		Obligatory Optional Courses of Branch Economical and Human Knowledge																																																																																	
58.	GGWUK1FBNE	Business communication		2	3																													2					0					0					a					3																													
59.	GGWSZ1FBNE	Sociology		2	3																													2					0					0					a					3																													
Free Optional Courses																																																																																			
60.	KMVMOIABNE	Metrology		2	3																													2					0					0					a					3																													
61.	KMVOMIABNE	Object oriented methodology		2	4																																																	2					0					0					a					4									
62.	KMVR0IABNE	Real-time operating systems		2	4																																																	2					0					0					a					4									

Comments: (7) In addition to the items listed here, additional optional subjects can be found in the Neptun system.

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Nr	Subject code	Subject name	C.	Week-ly hours	Credit	Semesters																									
						5.					6.					7.					8.										
						lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr	lc	pr	lb	re	cr						
Cooperative Education total:				8	60																										
	KMOSG1ABNE	Practice in profession I.	(8)		12					a	12																				
	KMOSG2ABNE	Practice in profession II.	(8)		12									a	12																
	KMOSG3ABNE	Practice in profession III.	(8)		12														a	12											
	KMOSG4ABNE	Practice in profession IV.	(8)		12																				a	12					
		Optional special subject I.		2	3																2	0	0	e	3						
		Optional special subject II.		2	3																2	0	0	e	3						
		Optional special subject III.		2	3																2	0	0	e	3						
		Optional special subject IV.		2	3																2	0	0	e	3						

Comments: (8) Weekly hours of practice in profession is given by the cooperative contract.

Conditions of cooperative education at Electrical Engineering BSc English language training:

1. Students have to fulfill minimum 120 credits before starting cooperative education.
2. Courses of Practical (cooperative) Education are fixed by Council of the Faculty year by year.

Subjects at Closing Examination:

Subject code	Subject name
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Automatic manufacturing systems module:

1. exam subject: Aggregate from the Common Courses of Speciality

KMXAU1ABNE Automation I.

KMXBRIABNE Embedded systems

2. exam subject: Aggregate from the Obligatory Optional Groups (Module) of Subjects