

Semester, weekly hours (Wh)*, requirements (req)**, credits (Cr)

* lecture (lec), group seminar (gs), lab

** v – examination, é – practice mark, s – course examination, e - acceptance

Code	Subject	Wh	Cr	semester																					Prerequisite Code										
				1.				2.				3.				4.				5.				6.				7.							
				lec	gs	lab	reg	Cr	lec	gs	lab	reg	Cr	lec	gs	lab	reg	Cr	lec	gs	lab	reg	Cr	lec		gs	lab	reg	Cr	lec	gs	lab	reg	Cr	
Natural science basics (35-50 kr.)		Tota	31	38																															
1.	NMXAN1EBNE Mathematics I.	6	6	3	4	4	0	v	6																						-				
2.	RKOMAZEBNE Mathematics II.	5	6																						Mathematics I.										
3.	RKOKT1ABNE Environmental Studies	2	3																						-										
4.	RMXCA1BBNE Chemistry	4	5	2	0	2	v	5																						-					
5.	RKXF1ABNE Physics I.	2	3	1	1	0	é	3																						-					
6.	RKXF2ABNE Physics II.	2	3																						Physics I.										
7.	RKOM1EBNE Technical mechanics	4	5																						-										
8.	RKXEL1EBNE Electrotechnics	3	4																						-										
9.	RTXAG1BBNE Discriptive geometry	3	3	1	0	2	é	3																						-					
Economy and humanities basics (14-30 kr.)		To	19	20																															
10.	GGXKG1EBNE Macroeconomics	2	2	2	0	0	é	2																						-					
11.	GGXKG2EBNE Microeconomics	2	2																						-										
12.	GSSEVG2QBNE Enterprise Economics (blended)	4	4																						-										
13.	GVXMA1QBNE Basics of Management	2	3																						-										
14.	RTEDE1EBNE Design (online)	2	2																						RTXMT1BBNE										
15.	RTXFV1BBNE Consumer protection	2	2																						-										
16.	RTXMJ1BBNE Engineering legal basics	2	2																						-										
17.	RTXMT1BBNE Art studies	3	3																						-										
Professional subjects (70-105 kr.)		Tota	69	88																															
Technical design skills 50-65 kr		44	56																																
18.	RMXAT1BBNE Structures of materials I.	4	5																						-										
19.	RMXAT2BBNE Structures of materials II.	4	5																						Structures of materials I.										
20.	RTXIT1EBNE Machines of industrial technologies I. (blended)	2	3																						-										
21.	RTXIT2EBNE Machines of industrial technologies II. (blended)	2	3																						RTXIT1EBNE										
22.	RKOMR1EBNE Technical drawing and documentation	3	4	1	0	2	é	4																						-					
23.	RKXGS1ABNE Machine elements	3	4																						RKOMR1EBNE										
24.	RMEIN1ABNE Informatics I.	4	4																						-										
25.	RMXIE2KBNE Informatics II.	3	4																						Informatics I. (blended)										
26.	RTXCC1EBNE Colour theory and colorimetry I.	4	4	2	0	2	é	4																						-					
27.	RTXCC2EBNE CAD/CAM I.	3	4																						Informatics I. (blended)										
28.	RTXCC3EBNE CAD/CAM II.	3	4																						RTXCC1EBNE										
29.	RTXTM2EBNE Methodology of product design	2	3																						RTXCC2EBNE										
30.	RTXTT1EBNE Integrated product design I.	4	5																						RTXTM2EBNE										
31.	RTXSK2EBNE Environmental protection (blended)	3	4																						RTXTT1EBNE										
Management and ergonomic knowledge (10-20 kr)		9	12																																
32.	RTXER1BBNE Ergonomics	2	3																						RTXFO1BBNE										
33.	RTXMK2EBNE Marketing and trade	3	3																						-										
34.	RMWIM1EBNE Integrated management systems	2	3																						-										
35.	RMEPR1KBNE Projectmanagement (blended)	2	3																						-										
Design skills (15-25 kr)		16	20																																
36.	RTXFO1BBNE Form design I.	3	3																						RTXSR1BBNE										
37.	RTXFO2BBNE Form design II.	3	4																						RTXFO1BBNE										
38.	RTXSR1BBNE Freehand drawing I.	3	3	0	0	3	é	3																						-					
39.	RTXSR2BBNE Freehand drawing II.	3	3																						RTXSR1BBNE										
40.	RTXVK1EBNE Visual communication	2	4																						RTXFO1BBNE										
41.	RTXMO1BBNE Modelling	2	3																						RTXSR1BBNE										
		119	146	12	4	11	30	9	7	13	34	11	2	12	33	10	5	7	27	6	3	0	11	1	2	0	4	1	1	2	7				
				Examination (v)																															
				Practice mark (é)																															
				Total weekly hours:				27				29				25				22				9				3				4			
				Total practical hours:				15				20				14				12				3				2				3			
				Total lecture				12				9				11				10				6				1				1			