

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	lec	gs	lab	reg	Cr		
Natural science basics (35-50 kr.) Total:				31	38	7	4	4		17	5	6	0		14	4	1	0		7	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	
1.	NMXAN1EBNE	Mathematics I.	6	6					v	6																															-
2.	RKXMA2EBNE	Mathematics II.	5	6						2	3	0	v	6																										Mathematics I.	
3.	RKXKT1ABNE	Environmental Studies	2	3											2	0	0	v	3																					-	
4.	RMXCA1BBNE	Chemistry	4	5	2	0	2	v	5																															-	
5.	RKXF11ABNE	Physics I.	2	3	1	1	0	é	3																															-	
6.	RKXF12ABNE	Physics II.	2	3						1	1	0	v	3																										Physics I.	
7.	RKXME1EBNE	Technical mechanics	4	5						2	2	0	é	5																										-	
8.	RKXEL1EBNE	Electrotechnics	3	4											2	1	0	é	4																					-	
9.	RTXAG1BBNE	Discriptive geometry	3	3	1	0	2	é	3																															-	
Economy and humanities basics (14-30 kr.) Total:				19	20	2	0	0		2	1	1	0		2	2	1	0		3	6	2	0		8	3	1	0		5	0	0	0		0	0	0	0		0	
10.	GGXKG1QBNE	Macroeconomics	2	2	2	0	0	é	2																															-	
11.	GGXKG2QBNE	Microeconomics	2	2						1	1	0	é	2																										-	
12.	GSEVG2QBNE	Enterprise Economics (blended)	4	4											2	2	0	v	4																					-	
13.	GVXMA1QBNE	Basics of Management	2	3																1	1	0	v	3																-	
14.	RTEDE1EBNE	Design (online)	2	2											2	0	0	é	2																					RTXMT1BBNE	
15.	RTXFV1BBNE	Consumer protection	2	2											2	0	0	v	2																					-	
16.	RTXMJ1BBNE	Engineering legal basics	2	2																2	0	0	v	2																-	
17.	RTXMT1BBNE	Art studies	3	3											2	1	0	é	3																					-	
Professional subjects (70-105 kr.) Total:				69	88	3	0	7		11	3	0	13		18	5	0	12		23	4	3	7		19	3	2	0		6	1	2	0		4	1	1	2		7	
Technical design skills 50-65 kr				44	56																																				
18.	RMXAT1BBNE	Structures of materials I.	4	5						2	0	2	é	5																										-	
19.	RMXAT2BBNE	Structures of materials II.	4	5											2	0	2	v	5																					Structures of materials II.	
20.	RTXIT1EBNE	Machines of industrial technologies I. (blended)	2	3											1	0	1	é	3																					-	
21.	RTXIT1EBNE	Machines of industrial technologies II. (blended)	2	3																1	0	1	v	3																RTXIT1EBNE	
22.	RKXMR1EBNE	Technical drawing and documentation	3	4	1	0	2	é	4																															-	
23.	RKEGS1ABNE	Machine elements	3	4																1	2	0	é	4																RKXMR1ABNE	
24.	RMEIN1ABNE	Informatics I.	4	4						1	0	3	é	4																										-	
25.	RMXIE2KBNE	Informatics II.	3	4											0	0	3	é	4																					Informatics I. (blended)	
26.	RTXSZ1BBNE	Colour theory and colorimetry I.	4	4	2	0	2	é	4																															-	
27.	RTXCC1EBNE	CAD/CAM I.	3	4											0	0	3	é	4																					Informatics I. (blended)	
28.	RTECC1EBNE	CAD/CAM II.	3	4																0	0	3	é	4																RTXCC1EBNE	
29.	RTXTM2EBNE	Methodology of product design	2	3											2	0	0	é	3																					RTXFO1BBNE	
30.	RTXTT1EBNE	Integrated product design I.	4	5											1	0	3	é	5																					RTXFO1BBNE	
31.	RTXSK2EBNE	Environmental protection (blended)	3	4																					1	2	0	é	4											-	
Management and ergonomic knowledge (10-20 kr)				9	12																																				
32.	RTXER1BBNE	Ergonomics	2	3																1	1	0	é	3																RTXFO1BBNE	
33.	RTXMK2EBNE	Marketing and trade	3	3																					1	2	0	é	3											-	
34.	RMWIM1EBNE	Integrated management systems	2	3																2	0	0	é	3																-	
35.	RMEPR1KBNE	Projectmanagement (blended)	2	3																										1	1	0	v	3						-	
Design skills (15-25 kr)				16	20																																				
36.	RTXFO1BBNE	Form design I.	3	3						0	0	3	é	3																										RTXSR1BBNE	
37.	RTXFO2BBNE	Form design II.	3	4											0	0	3	é	4																					RTXFO1BBNE	
38.	RTXSR1BBNE	Freehand drawing I.	3	3	0	0	3	é	3																															-	
39.	RTXSR2BBNE	Freehand drawing II.	3	3						0	0	3	é	3																										RTXSR1BBNE	
40.	RTXVK1EBNE	Visual communication	2	4																										0	0	2	é	4						RTXFO1BBNE	
41.	RTXMO1BBNE	Modelling	2	3						0	0	2	é	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)		2					2					3					2					0					1										
				Practice mark (é)		6					7					7					5					2					1					1					
				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					