

No.	Course code	Course title	ECT	Total Contact Hours	Evaluation form	1st year		2nd year		3rd year		4th year	
						1	2	3	4	5	6	7	8
<b>Semester</b>						1	2	3	4	5	6	7	8
<b>Mandatory study courses</b>													
1	ValoP253	Professional English I	3	32	Test (grade)	X							
2	ValoP254	Professional English II	6	64	Exam		X						
3	Filz1026	Philosophy, Ethics, Aesthetics	3	32	Exam								X
4	KomZ2003	Business Communication	3	32	Test (grade)								X
5	InfT4029	Project Management	3	32	Exam							X	
6	VidZ3006	Ecology and Environmental Protection	3	32	Exam		X						
7	Citi4016	Labour and Civil Protection	3	32	Exam						X		
8	Mate2027	Mathematics I	4,5	48	Test (grade)		X						
9	Mate2028	Mathematics II	4,5	48	Test (grade)			X					
10	Mate1038	Mathematics III	3	32	Exam				X				
11	Mate2010	Discrete Mathematics	3	32	Test (grade)				X				
12	Mate4005	Numerical Methods	3	32	Exam					X			
13	Mate2033	Mathematical Statistics	3	32	Test (grade)					X			
14	Fizi2017	Physics I	3	32	Test (grade)				X				
15	Fizi2018	Physics II	4,5	48	Exam					X			
16	DatZ1004	Introduction to Computer Studies	3	32	Exam	X							
17	InfT1028	Industrial Computer Control	3	32	Test (grade)		X						
18	InfT1035	Control of Biosystems	3	32	Test (grade)	X							
19	DatZ1009	Introduction to Programming I	3	32	Exam	X							
20	DatZ1010	Introduction to Programming II	3	32	Exam		X						
21	InfT2033	Windows Programming	3	32	Exam			X					
22	InfT2034	Database Access Applications	3	32	Test (grade)				X				
23	InfT2035	Database Access Applications	1,5	16	Course paper					X			
24	InfT1033	Application Software	3	32	Test (grade)	X							
25	InfT3024	Computer Graphics	4,5	48	Test (grade)	X							
26	InfT1037	Computer Graphics	1,5	16	Course paper		X						
27	InfT2040	WWW Technologies	6	64	Exam			X					
28	InfT3029	WWW Technologies	1,5	16	Course paper				X				
29	DatZ2055	Computer Hardware I	3	32	Exam		X						
30	DatZ2056	Computer Hardware II	1,5	16	Test (grade)			X					
31	InfT4031	Computer Architecture	3	32	Exam							X	
32	DatZ2016	Operating Systems I	3	32	Test (grade)	X							
33	DatZ2017	Operating Systems II	3	32	Exam		X						
34	DatZ2024	Computer Networks I	3	32	Test (grade)			X					
35	DatZ2025	Computer Networks II	3	32	Exam				X				
36	DatZ4005	Administration of Computer Networks I	3	32	Test (grade)					X			
37	DatZ4007	Administration of Computer Networks II	3	32	Exam						X		
38	DatZ2004	Database Technologies I	3	32	Test (grade)	X							
39	DatZ2005	Database Technologies II	3	32	Exam		X						
40	InfT4006	Software Testing	3	32	Test (grade)				X				
41	DatZ3003	Large Databases I	3	32	Test (grade)			X					
42	DatZ3004	Large Databases II	3	32	Exam				X				
43	DatZ3019	Algorithms and Structures	6	64	Exam					X			
44	InfT3002	Multimedia Technologies	3	32	Test (grade)						X		
45	DatZ2057	Software Development Processes I	3	32	Exam			X					
46	DatZ2058	Software Development Processes II	3	32	Exam				X				
47	InfT2028	System Modeling I	3	32	Test (grade)			X					
48	InfT2029	System Modeling II	3	32	Exam				X				
49	InfT4026	Data Security	3	32	Test (grade)							X	
50	ETeh3001	Electrical Engineering and Electronics	3	32	Exam					X			
51	InfT3031	Development Platforms for Smart Systems	3	32	Test (grade)					X			
52	InfTP006	Information Systems [Practice]	18	144	Test, Report						X		
53	InfT4032	Bachelor Thesis I	3		Test							X	
54	InfT4033	Bachelor Thesis II + Defence	12		Test								X
<b>Optional study courses</b>													
55	InfT2036	CISCO Networking Academy I	3	32	Test (grade)				X				
56	InfT2037	CISCO Networking Academy II	3	32	Test (grade)					X			
57	InfT3022	CISCO Networking Academy III	3	32	Test (grade)						X		
58	InfT3023	CISCO Networking Academy IV	3	32	Test (grade)							X	
59	InfT4025	Advanced Programming in Computer Control I	3	32	Test (grade)							X	
60	InfT4036	Advanced Programming in Computer Control II	3	32	Exam								X
61	InfT3012	Geographic Information Systems	3	32	Exam							X	
62	ETeh4004	Microprocessor Control Systems	3	32	Test (grade)								X
63	MašZ3001	Interfaces of Measurement Systems	3	32	Test (grade)							X	
64	ETeh3027	Programmable Logical Controllers	3	32	Test (grade)							X	
65	InfT3014	Discrete Biosystems	3	32	Test (grade)								X
66	InfT4040	Fundamentals of E-commerce Technologies	3	32	Test (grade)								X
<b>Elective study courses</b>													
67	Fizi1003	Basic Physics	3	32	Test			X					
68	Valo1053	Latvian Language I	3	32	Test	X							
69	Valo2056	Latvian Language II	3	32	Test (grade)		X						
70	SpoZ1001	Sport I	1,5	32	Test	X							
71	SpoZ1002	Sport II	1,5	32	Test		X						
72	SpoZ2001	Sport III	1,5	32	Test			X					