	Computer Science Engineering BSc																								
Subject code	Subject	Credit	Exam type	Semesters																					Pre subject
				1			2			3			4			5			6			7			
				Le	P	La	Le	P	La	Le	P	La	Le	P	La	Le	P	La	Le	P	La	Le	P	La	
DUEN-ISF-111	Introduction to programming	5	F	2	0	2																			
DUEN-ISR-118	Computer and Network Architectures	5	F	2	0	1																			
DUEN-MUT-151	Engineering Physics	5	V	2	2	1																			
DUEN-TKM-150	Introduction to Law	5	V	3	2	0																			
DUEN-IMA-152	Engineering Mathematics I. (Linear algebra and calculus)	5	V	3	2	0																			
DUEN-IMA-153	Basics of Computer Sciences 1.	5	F	2	2	0																			
DUEN-ISF-213	Programming 1.	5	F				1	0	3																DUEN-ISF-111
DUEN-ISR-257	Windows Operating System	5	V				1	0	2																
DUEN-ISF-210	Database systems	5	V				2	0	2																
DUEN-ISF-010	Informatics	5	F				0	0	3																
DUEN-IMA-212	Engineering Mathematics 2	5	F				1	0	3																DUEN-IMA-152
DUEN-IMA-213	Basics of Computer Sciences 2.	5	F				2	2	0																DUEN-IMA-153
DUEN-ISF-113	Programming 2.	5	F							1	0	3													DUEN-ISF-213
DUEN-ISR-159	Linux Operating System	5	V							1	0	2													
DUEN-ISF-112	Internet technologies	5	F							0	0	3													
DUEN-ISR-119	Electronic and digital systems	5	F							2	0	1													DUEN-MUT-151
DUEN-IMA-110	Mathematics 3.	5	F							2	0	2													DUEN-IMA-152
DUEN-TKT-151	Economics 1.	5	V							2	2	0													
DUEN-ISR-258	Computer network management 1.	5	V										1	0	2										DUEN-ISR-118
DUEN-ISF-250	Basics of intelligent systems	5	V										2	0	2										DUEN-ISF-111
DUEN-ISR-250	Information Security	5	V										2	0	0										DUEN-ISR-118, DUEN-IMA-153
DUEN-ISR-215	Embedded Systems	5	F										1	0	2										DUEN-ISR-119
--	**Elective course**	5	0										1	1	1										
--	**Elective course**	5	0										1	1	1										
DUEN-TVV-122	Entrepreneurship	5	F													2	2	0							
DUEN-TKM-120	Multimedia 1.	5	F													1	0	2							
DUEN-TVV-114	Management	5	F													2	2	0							
	Knowledge to start working	0																							
	Specialization	15																							
DUEN-ISR-157	Measurement and control	5	V																2	1	1				DUEN-IMA-110
DUEN-IMA-251	Numerical methods	5	F																2	0	1				DUEN-IMA-110
	Specialization	15																							
--	**Elective course**	5	0																1	1	1				
DUEN-ISF-090	Thesis 1. - Methodology	0	A																1	0	0				
	Specialization	10																							
--	**Elective course**	5	0																			1	1	1	
DUEN-ISF-094	Thesis 2.	15	A																			0	10	0	DUEN-ISF-090
DUEN-ISF-097	Professional practice	0	A																			0	0	0	
	Week Lecture, Practice, Lab, Credit			**14**	**8**	**4**	**7**	**2**	**13**	**8**	**2**	**11**	**8**	**2**	**8**	**5**	**4**	**2**	**6**	**2**	**3**	**1**	**11**	**1**	

	Week total			26	22	21	18	11			11			13		
	Credit total	**210**		**210**												
Computer Network Engineering specialization								**3**	**0**	**6**	**4**	**0**	**6**	**2**	**2**	**2**
								9			10			6		
				26	22	21	18	20			21			19		

V: exam, F: semester activity, A: no grade

Specialization

Computer Network Engineering																									
Subject code	**Subject**	**Credit**	**Exam type**	**Semesters**																					**Előfeltétel**
				1			**2**			**3**			**4**			**5**			**6**			**7**			
				ea	**gy**	**l**	**ea**	**gy**	**l**	**ea**	**gy**	**l**	**ea**	**gy**	**l**	**ea**	**gy**	**l**	**ea**	**gy**	**l**	**ea**	**gy**	**l**	
DUEN-ISR-120	Computer network management 2.	5	V													1	0	2							DUEN-ISR-258
DUEN-ISR-121	Network Operating Systems – Windows	5	F													1	0	2							DUEN-ISR-257
DUEN-ISR-116	Script languages	5	F													1	0	2							DUEN-ISF-111
DUEN-ISR-214	Network Operating Systems – Linux	5	F																1	0	2				DUEN-ISR-159
DUEN-ISF-217	IT project 1.	5	F																2	0	2				
DUEN-IMA-214	Operational research and decision theory	5	F																1	0	2				DUEN-IMA-152
DUEN-ISF-116	IT project 2.	5	F																			0	1	2	DUEN-ISF-217, DUEN-ISF-213, DUEN-ISF-210
DUEN-ISR-155	Quality and auditing of IT systems	5	V																			2	1	0	0
	Week Lecture, Practice, Lab, Credit			**0**	**0**	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**6**	**4**	**0**	**6**	**2**	**2**	**2**	
	Week total			0			0			0			0			9			10			6			
	Credit total	**40**		**40**																					

	Knowledge to start working																								
DUEN-TKM-081	Labour Market Techniques	0	F													0	2	0							
DUEN-TKM-082	Presentation Techniques	0	F													0	2	0							
DUEN-TKM-083	Negotiation Techniques	0	F													0	2	0							