

Curricula of Electrical Engineering BSc, Faculty of Engineering and Information Technology, University of Pécs

	Subject code	40	1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	7 semester
<b>Fundamentals of Natural Sciences</b>									
Technical Physics 1.		4	2 2 0 E 4						
Electrical materials		4	2 0 1 E 4						
Mathematics A/1		5	3 2 0 E 5						
Computer Science 1.		3	1 0 2 TM 3						
Technical Physics 2.		4		2 1 0 E 4					
Mathematics A/2		5		2 2 0 E 5					
Computer Science 2.		4		2 0 2 E 4					
Mathematics A/3-1		3			2 1 0 TM 3				
Electromagnetic fields		5			3 2 0 E 5				
Basics of Environmental Engineering		3							2 0 0 TM 3
<b>Economic Sciences and Humanities</b>		17							
Economics.		3	2 0 0 E 3						
Construction Management 2.		2					1 1 0 E 2		
Construction Management 3.		4						2 2 0 E 4	
Enterprise Management		2							2 0 0 TM 2
Engineering practice in EU 1		2				2 0 0 TM 2			
Engineering management.		4			2 2 0 E 4				
<b>Professional Basic Subjects</b>		77							
Computer Programming 1.		3	1 0 TM 3						
Digital logic design1.		4	2 2 0 E 4						
Electrical Engineering 1.		5	2 2 0 E 5						
Computer Programming 2.		3		0 0 2 TM 3					
Digital logic design1.		4		1 0 2 TM 4					
Electronics 1.		4		2 0 1 E 4					
Electrical Engineering 2.		5		2 3 0 E 5					
Measurement technology 1.		4			2 0 2 TM 4				
Electrical Power Engineering 1.		4			3 1 0 E 4				
Control Engineering 1.		4			2 2 0 E 4				
Electronics 2.		4			2 0 2 E 4				
Measurement technology 2.		4				1 0 2 TM 4			
Electrical Power Conversion 1		4				3 1 1 E 4			
Communication Engineering		4				3 1 1 E 4			
Control Engineering 2.		4				2 0 1 E 4			
Computer Networks 1.		5				3 0 1 E 5			
Electronics 3.		3				2 0 0 E 3			
Microelectronics		3				2 0 0 TM 3			
Electromagnetic Compatibility		2					2 0 0 TM 2		
Microcomputers		4					2 0 0 TM 4		
<b>Differentiated Professional Subjects</b>									
<b>Embedded Microcomputer Systems specialization</b>		66							
Computer Programming 3.		5					3 0 1 E 5		
Design and Production Technology		5					2 0 2 E 5		
Project Laboratory 1.		3					0 0 2 TM 3		
Digital logic design 3.		5					2 0 2 E 5		
Computer Networks 2.		5					2 0 2 E 5		
Programmable Logical Controllers		4						2 0 2 E 4	
Project Laboratory 2.		3						0 0 2 E 3	

Design of Microelectronic Systems		5						202 TM 5	
Computer Networks 3.		5						202 E 5	
Digital logic design 4.		4						210 E 4	
Project Laboratory 3.		3							002 TM 3
Embedded Computer Programming, Autonomous Intelligent Systems		4							201 E 4
Degree Thesis		15							0016 a 15
<b>Powering and Automation of Facilities Specialization</b>		<b>66</b>							
Operation of Electrical Installations 1.		5					201 E 5		
Building Management Systems 1.		4					201 E 4		
Electrical Power Engineering 2.		6					221 E 6		
Electrical Power Conversion 2.		5					211 TM 5		
Control Engineering 3.		4					202 E 4		
Operation of Electrical Installations 2.		6						302 E 6	
Electrical Power Conversion 3.		5						201 E 5	
Computer Aided Design		3							002 TM 3
Degree Thesis		15							0016 a 15
Building Surveillance Systems		4						201 E 4	
Building Management Systems 2.		3						201 TM 3	
Control Engineering 4.		2						200 TM 2	
Electrical Safety Technology		4							201 TM 4
<b>Optional Professional Course Units</b>		<b>10</b>							
Subject 1		2						200 TM 2	
Subject 2		2						200 TM 2	
Subject 3		2						200 TM 2	
Subject 4		2							200 TM 2
Subject 5		2							200 TM 2

<b>Total analysis of full programme</b>	<b>276</b>								
Number of credits	31	29	28	29	55	51	53		
Number of Study Hours/Week (all)	28	24	26	24	43	35	30		
Number of Study Hours/Week (lectures)	15	11	16	17	24	21	8		
Number of Study Hours/Week (seminars)	8	6	6	1	4	1	0		
Number of Study Hours/Week (tutorials)	5	7	4	6	15	13	22		