

Department of Computer Science and Electronic Engineering

Curriculum

Subjects		Credits	Credits by Year				
			1st	2nd	3rd	4th	5th
Required Subjects	Basic Electric Circuits	2	2				
	Fundamental Computer Engineering	2	2				
	Introduction to Computer Science	1	1				
	Fundamentals of Programming I	1	1				
	Fundamentals of Programming II	1	1				
	Fundamentals of Programming Seminar	1	1				
	Electronic Engineering Experiments	4			4		
	Computer Engineering Laboratory	4				4	
	Creation and Research Practice	1				1	
	Creative Production	1					1
	Electronics, Information and Communication Engineers Laboratory	2					2
	Graduation Research	10					10
Total Credits Required		30	8		4	5	13
Subjects Required to Take	Mathematics for Electrical Engineering	1		1			
	Set and Logic	1		1			
	Intellectual Property	1			1		
	Mathematics for Computer Science	2			2		
	Fourier and Laplace Transform	1				1	
	Probability	1			1		
	Statistics	1				1	
	Information Theory	2				2	
	Digital Signal Processing	1					1
	Electromagnetism	2				2	
	Numerical Analysis	1					1
	Information Systems and Engineer ethics	1				1	
	Electric Circuits	2		2			
	Electronic Instruments and Measurements	2			2		
	Analog Electronic Circuits	2			2		
	Digital Circuit	2			2		
	Communication Network	2				2	
	Applications of Digital Circuits	1				1	
	Seminar for Computer	1	1				
	Computer Engineering	2		2			
	Programming	2		2			
	Programming Language	1		1			
	Introduction to Computer Systems	1			1		
	Algorithms and Data Structures	2			2		
	System Programming I	1			1		
	System Programming II	1				1	
	Computer Architecture	2				2	
	Software Engineering	2				2	
	Database	2				2	
	Operating System I	1				1	
	Operating System II	1					1
	Network Architecture	2					2
Seminar in Computer Science & Electronic Engineering	1				1		
Reading on Technical English	2					2	
Guest Lecture	1					1	
Total Credits Required		51	1	9	14	19	8
	Integrated Circuits Design I	2					2
	Integrated Circuits Design II	1					1
	Image Processing Engineering	2					2
	Formal Languages Processing	2					2
	Object-Oriented Programming	1					1
	Computer Graphics	2					2

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Elective Subjects	Intelligent Information Processing	2					2
	System Mathematical Engineering	2					2
	Internship I	1				1	
	Internship II	2				2	
	Practice of Computer Hardware	2			2		
	Practice of Computer Software	2			2		
	Credits Offered	17				3	14
	Credits Offered for Foreign Students	21			4	3	14
	Total Credits Required	5					5
Total of Required Subject Credits		86	9	9	18	24	26
Total of Required Credits		168	34	34	34	37	29