Dunarea de Jos University of Galati
Faculty of Automation, Computers, Electrical and Electronics Engineering

Domain of study	Level (BA/MA)	Study programme	Year of study	Semester	Course title	Credit units
Electronic Engineering, Telecommunications and Information Technologies	BA	Applied Electronics	I	1	Mathematical analysis	4
					Algebra and Geometry	4
					Computer Programming I	4
					Computer based Graphics	4
					Electronic Technologies	4
					Materials for electronics	3
					Chemistry	4
					English language	2
					Sport	1
				2	Special mathematics	5
					Computer programming II	5
					Electrotechnics I	5
					Physic	5
					Passive components and circuits	5
					English language	2
					Communication techniques	2
					Sport	1

Electronic Engineering, Telecommunications and Information Technologies	BA	Applied Electronics	II	3	Electronic devices	5
					Digital circuits	6
					Signals and systems	6
					Probabilities and statistic in engineering	4
					Numerical methods in engineering	4
					CAD techniques in the design of electronic modules	3
					Sport	2
				4	Technology, reliability and quality	3
					Fundamental electronic circuits	4
					Analysis and synthesis of circuits and systems	4
					Electrotechnics II	3
					Electric and electronic measurements	4
					Microprocessors and programming in assembly	4
					Laboratory of fundamental electronic circuits	2
					Project of digital circuits	2
					Technologic work	2
					Sport	2

Electronic Engineering, Telecommunications and Information Technologies	BA	Applied Electronics	III	5	Analogue integrated circuits	5
					Analogue circuits. Project.	2
					Information coding and transmission	5
					Microwave technique	3
					Electric drives and machines	4
					Data acquisition systems	3
					Management and marketing	3
					Systems with microprocessors	2
				6	Interfaces and data communications	3
					Computer architectures	4
					Television	3
					Automatic systems	3
					Industrial electronics and informatics	5
					Sensors and transducers	3
					Laboratory of acquisition and automatic systems	3
					Statistical signal processing	3
					Specialization work	2
					Digital signal processing	4

Electronic Engineering, Telecommunications and Information Technologies	BA	Applied Electronics	IV	7	Construction of electronic apparatus	3
					Signal processors	5
					Programmable automata	4
					Supply sources	5
					Industrial electronic project	3
					Electric driving control	4
					Business and company administration	3
				8	Home appliances	3
					Computer networks	4
					FPGA programmable systems	4
					Medical electronics	4
					Computer based measuring systems	3
					Radio-communications	3
					Practical work for diploma project	2
					Electronic apparatus – team project	4
					Embedded systems	4
					Business laws	2