Year	Sem	Subject name	Weekly number of hours					Evaluation form (E/C)	ECTS
			Lecture	Tutorial	Labwork	Project	Practice		
First Year Compulsory subjects									
1	1	Calculus 1	2	2				E	4
1	1	Linear Algebra, Analytical and Differential Geometry	2	2				E	4
1	1	Electrical Engineering 1	2	1				E	4
1	1	Operating Systems 1	2		2			C	4
1	1	Programming Languages	2		2			E	4
1	1	Computer Aided Graphics	1		1			C	3
1	1	Chemistry	1	1				E	3
1	1	Professional Communication 1		2				C	2
1	1	Physical Education 1		1				C	2
1	2	Calculus 2	2	2				E	5
1	2	Physics 1	2	1	1			E	4
1	2	Electrical Engineering 2	2	2				E	4
1	2	Electronic Devices and Analog Electronics 1	2		2			E	4
1	2	Data Structures and Algorithms	2		2			C	5
1	2	Applied Informatics	2		2			C	4
1	2	Professional Communication 2		1				C	2
1	2	Physical Education 2		1				C	2
Facultative subjects									
1	1	European Culture and Civilization 1		2				C	2
1	1	Foreign Language 1		2				C	2
1	1	Romanian Language and Culture for Foreign Students 1		2				C	2
1	1	Education Psychology	2	2				C	5
1	1	Volunteering 1					4	C	3
1	2	European Culture and Civilization 2		2				C	2
1	2	Foreign Language 2		2				C	2
1	2	Romanian Language and Culture for Foreign Students 2		2				C	2
1	2	Pedagogy 1	2	2				E	5
1	2	Volunteering 2					4	C	3
Second Year Compulsory subjects									
2	1	Special Mathematics	2	2				E	4
2	1	Probability Theory and Mathematical Statistics	2	1				E	4
2	1	Physics 2	2		1			E	4
2	1	Electronic Devices and Analog Electronics 2	2		1			E	4
2	1	Digital Electronics	2		2			E	4
2	1	Databases 1	2		1			C	4
2	1	Object Oriented Programming	2		2			C	4

Year	Sem	Subject						Type	Credits
2	1	Microeconomics	1	1				C	2
2	2	Microprocessor Architecture	2		2			E	5
2	2	Numerical Methods	2		2			E	5
2	2	Operating Systems 2	2		1	1		C	5
2	2	Electronic Measurements, Sensors and Transducers	2		2			E	4
2	2	Signals and Systems	2	1	1			E	2
2	2	Macroeconomics	1	1				E	2
Optional subjects									
2	2	Fundamentals of Electrical Engineering 3	2		2			E	4
2	2	Data Acquisition and Processing	2		2			E	4
Facultative subjects									
2	1	Foreign Language for Engineers 1		2				C	2
2	1	Romanian Language and Culture for Foreign Students 3		2				C	2
2	1	Physical Education and Sports 3		2				C	2
2	1	Technical Documents Advanced Processing 1		2				C	2
2	1	Pedagogy 2	2	2		4		E	5
2	2	Romanian Language and Culture for Foreign Students 4		2				C	2
2	2	Foreign Language 4		2				C	2
2	2	Specialization Didactics	2	2				E	5
2	2	Volunteering 4					4	C	3
Third Year Compulsory subjects									
3	1	Algorithm Design	2		1			E	4
3	1	Formal Languages, Automata and Compilers	2		2			E	4
3	1	Computer Networks	2		2			E	4
3	1	Elements of Computer Graphics	2		2			C	4
3	1	Computer Architecture	1		2			E	4
3	2	Mobile and Embedded Computing	2		1			E	3
3	2	Digital Signal Processing	2		2			E	3
3	2	Intelligent Electricity Distribution Networks	2		1			E	2
3	2	Artificial Intelligence 1	2		1			C	3
3	2	Logical Programming and Functional Programming	2		1	1		E	3
3	2	Digital Marketing	1		1			C	2
3	2	Internship					360 hours	C	8
Optional Subjects									
3	1	Introduction to SAP	2	1				C	4
3	1	Application Development for Mobile Devices	2	1				C	4
3	1	Accounting and Financial Information	1	1				C	2

Year	Sem	Subject					Hours	Form	Credits
3	1	Money and Banking	1	1				C	2
3	1	Nonlinear Control Systems	2	1				C	4
3	1	Internet of Things	2	1				C	4
3	2	Human-Computer Interaction	2		1			C	3
3	2	Big Data Analysis	2		1			C	3
3	2	Internet Protocols	2	1	1			C	3
3	2	Nanotechnologies for IoT industry	2	1	1			C	3
Facultative subjects									
3	1	Computer Aided Training	1		1			C	2
3	1	Pedagogy Internship in Pre-University Education 1					42 hours	C	3
3	1	Volunteering 5					4	C	3
3	2	Student Class Management	1	1				E	3
3	2	Pedagogy Internship in Pre-University Education 2					36 hours	C	2
3	2	Study Finals Exam: Level 1						E	5
3	2	Volunteering 6					4	C	3
Fourth Year Compulsory subjects									
4	1	Interdisciplinary Project				1		C	2
4	1	Software Engineering	2		1	1		E	5
4	1	Bioinformatics	2		1			E	4
4	1	Intelligent Systems Engineering	2		1			C	5
4	1	Applications and Software Design	2		1	1		E	4
4	1	Cryptography and data protection	2		1			C	3
4	2	Integrated Computational Intelligence	2		1	1		C	4
4	2	Ethical Hacking and System Defense	2		2			C	4
4	2	Semantic Web	2		1	1		C	5
4	2	Entrepreneurship in Industry 4.0	1		1			C	3
4	2	Practice for Developing the Diploma Project					60 hours	C	2
4	2	Development of the Diploma Project					4	C	4
Optional Subjects									
4	1	Artificial Intelligence 2	2		2			E	4
4	1	Image Processing	2		2			E	4
4	1	IoT Systems Evaluation	2		2			E	3
4	1	Smart City	2		2			E	3
4	2	Virtual and Augmented Reality	2		1	1		E	4
4	2	Key Standards in Health Information Systems	2		1	1		E	4
4	2	Environmental Impact and Ecological Concept of IoT Products	2		1	1		C	4
4	2	IoT Project Management	2		1	1		C	4
Facultative subjects									
4	1	Volunteering 7					4	C	3
4	2	Volunteering 8					4	C	3