

Courses list per semester

1st semester		
Course title	Lectures + Exercises hours	ECTS credit
Mathematics 1	45 + 45	7
Physics 1	45 + 30	7
Electrical engineering	45 + 30	7
Introduction to computer science	45 + 30	7
English 1	30 + 0	2
2nd semester		
Course title	Lectures + Exercises hours	ECTS credit
Mathematics 2	45 + 45	7
Physics 2	45 + 30	7
Introductory Electronics	45 + 30	7
Programming	45 + 30	7
English 2	30 + 0	2

3th semester		
Course title	Lectures + Exercises hours	ECTS credit
Discrete mathematics	30 + 30	6
Digital System and Structures	45 + 45	7
Object oriented programming	45 + 30	7
Data structures	45 + 30	6
Practicum	0 + 45	2
Communication skills	30 + 0	2
4th semester		
Course title	Lectures + Exercises hours	ECTS credit
Probability and Statistics	30 + 30	5
Computer Architecture	45 + 30	7
Algorithms	45 + 30	7
Data Base	30 + 30	6
Signals, Systems and Control	30 + 30	5

5th semester

Course title	Lectures Exercises hours	+ ECTS credit
Operational Systems	45 + 30	7
Computer Networks	45 + 30	6
Software Engineering	45 + 30	7
Internet Programming	45 + 30	6
Elective course 1	30 + 15	4

Possible elective course 1

Course title	Lectures Exercises hours	+ ECTS credit
Unix Programming	30 + 15	4
Security of computer systems and data	30 + 15	4

6th semester

Course title	Lectures Exercises hours	+ ECTS credit
System Analysis and Design	30 + 30	5
Distributed Systems Introduction	30 + 30	5
Business Informatics	30 + 15	4
Elective course 2	30 + 15	4
Final Work (Project)	0 + 15	12

Possible elective course 2

Course title	Lectures Exercises hours	+ ECTS credit
Windows Programming	30 + 15	4
Introduction in to Embedded Systems	30 + 15	4