

Computer Engineering

1 course	ECTS
Civilization Processes in Ukrainian Society	5
Ukrainian Language as a Foreign Language	6
Higher Mathematics	15
Physics	8,5
Programming	13,5
Term Paper in Programming	0,5
Introduction to Speciality	7
Computer Graphics	6
Electric and Magnetic Circles Theory	6
Educational Practical Training in Programming	6

2 course	ECTS
Axiological Competences of an Expert	6
Ukrainian Language as a Foreign Language	6
Probability Theory and Mathematical Statistics	3,5
Electric and Magnetic Circles Theory	6
Computer Networks	8,5
Computer Architecture	4
Operating Systems	5
Computer Circuitry	5
Computer Modelling of Processes and Systems	4
Fuzzy Mathematics	5
Organization of Databases	3
Practical Educational Training in Computer Networks	6

3 course	ECTS
Science of Law	3
Computer Networks	8,5
Term paper in Computer Networks	0,5
Computer Electronics	3,5
System Programming	3,5
Sensors and Tires	4,5
Software Engineering	4,5
Programming of Computer Systems and Networks	5
Information and Coding Theory	3,5
Organization of Databases	3
Project-Technological Training	6
Computer Logic	4,5
Basics of Microprocessor Systems Design	5
Computer Systems	5
Information Defense in the Information and Communication Systems	3,5

Intellectual Data Analysis	3,5
Fundamentals of Information Collection, Processing and Transfer	5

4 course

Civil Security	3
Economics and Enterprise Management	3
Programming of Real-Time Systems	5
Fundamentals of Computer-aided Design	4
Theory of Control and Identification in Computer Systems	9
Labour Safety	3
Internet Technologies	4
Local Networks	3
Computer Systems and Networks Designing	9
Term Project in Computer Systems and Networks Designing	0,5
Computer Systems	5
Fundamentals of Information Collection, Processing and Transfer	5
Term Paper in Fundamentals of Information Collection, Processing and Transfer	0,5
Consultations on Chapters	3