



List of credits on the specialty “**Computer Science and Information Technology**”

<b>BACHELOR</b>		
NAME OF SUBJECTS	SEMESTER	CREDITS
Numerical Methods	Autumn	5
Algorithmization and Programming	Autumn	5
Object-Oriented Programming	Autumn	6
System analysis	Autumn	4
Systems Modelling	Autumn	6
Information Systems Design	Autumn	4
Information Systems Security	Autumn	4
Computer Networks	Autumn	5
IT Project Management	Autumn	4
Fundamentals of Computer Graphics	Autumn	4
Database Organization	Autumn	5
Operation Systems Administration	Autumn	3.5
Geoinformation Systems	Autumn	4
Design and analysis of computational algorithms	Spring	5
Operating Systems	Spring	4
Database systems	Spring	6
Theory of Decision Making	Spring	5
Software development technologies	Spring	6
Intellectual Data Analysis	Spring	5
Economics and Production Organization	Spring	4
Fundamentals of Web-Programming	Spring	5
Java-programming	Spring	3
Technology of Distributed Systems Design	Spring	4
Fundamentals of Computer Graphics	Spring	4.5
Geoinformation Systems	Spring	5
Complex Algorithms Programming	Spring	4.5
Computer Networks Software	Spring	3
Numerical Methods in Informatics	Spring	4.5

<b>MASTER</b>		
NAME OF SUBJECTS	SEMESTER	CREDITS
Big Data Processing	Autumn	5
Means of information security	Autumn	4.5
Global Computer Networks	Autumn	7
Hardware and software tools for collecting and processing environmental information	Spring	4
Socio-economic potential of environmental management	Spring	3.5
Distributed Database Systems Design	Spring	5
Object – Oriented Databases	Spring	4