

Sem.	Course Name	Hours per Semester					Σ	Σ+S	Form of Credit	ECTS Points	
		Σ	L	Ex	Lab	Sem				ECTS	Σ
1	Differential and Difference Equations – Applications	45	15	30			345	345	Exam	4,0	30,0
	Actuarial Methods	45	30		15				Exam	4,0	
	Mathematical Economics	45	15	30					Exam	4,0	
	Operational Research – Applications	45	15		30				Exam	4,0	
	Computer Architecture	45	30		15				Pass	4,0	
	Software Engineering	45	15		30				Pass	4,0	
	Computer Networks	45	15		30				Pass	4,0	
	Second Foreign Language	30		30					Pass	2,0	
2	Derivatives in Risk Management	45	15		30		195	300	Exam	6,0	30,0
	Survey Sampling	45	15	15	15				Exam	6,0	
	Oracle Databases	45	15		30				Pass	5,0	
	Second Foreign Language	30		30					Pass	2,0	
	Master Seminar	30				30			Pass	2,0	
	Speciality courses (below)	105	90	15					Exam/Pass	9,0	
3	Multidimensional Data Analysis	45	30		15		120	270	Exam	6,5	30,0
	Dynamic and Financial Econometry	45	15		30				Pass	6,5	
	Master Seminar	30				30			Pass	2,0	
	Speciality courses (below)	150	105	15	30				Exam/Pass	15,0	
4	Theory of Forecasting and Simulations	45	15		30		120	225	Exam	6,0	30,0
	Management Information Systems	45	15		30				Exam	2,0	
	Master Seminar	30				30			Pass	2,0	
	Master Thesis								Exam	14,0	
	Speciality courses (below)	105	75	15	15				Exam/Pass	6,0	
Total:								1140			120,0
Speciality: Information Systems In Management											
2	Automata, Grammars and Formal Languages	45	30	15			105		Exam	5,0	9,0
	Facultative Course 1, 2	60	60						Pass	4,0	
3	Programming Paradigms	45	15	15	15		150		Exam	5,5	15,0
	Statistical Analysis in the Market Research	45	30		15				Pass	5,5	
	Facultative Course 3, 4	60	60						Pass	4,0	
4	Teleinformatics	45	15	15	15		105		Pass	2,0	6,0
	Facultative Course 5, 6	60	60						Pass	4,0	
Information Systems in Management (in Eenglish) prepares future programmers, designers and analysts of modern information systems that are used in companies. This speciality is focused on the use of high level programming languages, design and programming of the databases, as well as the design and administration of the computer networks. Specialization starts from the first semester and lasts fourth.											

