

	I			II			III		
	Course	Credits		Course	Credits		Course	Credits	
		Sem I	Sem II		Sem I	Sem II		Sem I	Sem II
Mathematics	Algebra 1	6		Complex Analysis	6		Numerical Analysis	6	
	Mathematical Analysis 1	6		Real Analysis	6		Mathematical Statistics 1	6	
	Analytical Geometry	6		Differential Equations	6		Theoretical Mechanics	6	
	Procedural Programming	6		Graphs and Combinatorics	6		Arithmetics and number theory	6	
	Computer System Architecture	6		Probabilities Theory	6		Mathematical statistics 2		6
	Algebra 2		6	Algebra		6	Operational Research		6
	Mathematical Analysis 2		6	Functional Analysis		6	Mathematical Software		6
	Differential Geometry		5	Astronomy		6	Specialized Practice		6
	Mathematical and Computational Logic		4	Partial Differential Equations		6	Optional subjects(choose one of two)		
	Operating Systems		4	Office Management (Biotics)		6	1. Algorithmic methods in algebra		
	Algorithms and Data Structures		5	Optional			2. Applied mathematics in banking domain	6	
	Optional			English language3		3	1. Algorithmic Methods in Geometry		6
	English language1	3		English language4		3	2. Mathematical theory of insurance		
	English language2		3	Mathematical Typesetting		5	Optional		
	PSYCHOLOGY OF EDUCATION	5		Trainings theory& methodology - Assesments theory& methodology	5		Educational management	4	
	Fundamentals of pedagogy -Curriculums theory & methodology		5	Didactic of the subject to be taught - (one semester for one subject, two semestres for two subjects)		4	Teaching practice 1		5
Informatics									
	Algebra 1	6		Differential Equations	6		Numerical Analysis	6	
	Mathematical Analysis 1	6		Probabilities Theory	6		Databases	6	
	Analytical Geometry	6		Formal Languages and Automata	6		Artificial Intelligence 1	6	
	Procedural Programming	6		Object Oriented Programming	6		Software technics	6	
	Computer System Architecture	6		Web Technologies	6		SGBD		6
	Algebra 2		6	Mathematical Statistics		6	Artificial Intelligence 2		6
	Mathematical Analysis 2		6	Partial Differential Equations		6	Optimization Techniques		6
	Differential Geometry		5	Graph Algorithms		6	Software project management		6
	Mathematical and Computational Logic		4	Computer Networks		6	Optional subjects(choose one of two)		
	Operating Systems		4	Advanced programming technique		6	Modern computing methodologies		
	Algorithms and Data Structures		5	Optional			Criptography and information security	6	
	Optional			English language		3	Mathematical Software		
	English language	3		English language		3	Modelling and Simulation		6
	English language		3	Concurrent programming in Java		5	Optional		
Office Management (biotics)		5	Graphic Systems Programming		5	Modelling and programming techniques for virtual reality		3	
Psychology of Education	5		Trainings theory& methodology. Assesments theory& methodology	5		Compilation Technics		3	
Fundamentals of pedagogy - Curriculums theory & methodology		5	Didactic of the subject to be taught(one semester for one subject, two semestres for two subjects)		5	Specialized Practice	4		
						Teaching practice 1		5	