ИВМиИТ KFU (120)	FEL CVUT (121)
Courses of program (20) 1. Methodology of Research (2) III (M1) 2. Systems theory and systems analysis (3) I (M1) 3. Modeling (3) III (M1) 4. Methodology of Software Engineering (12) I, II (M2) 5. Software or Research Project (3) I, II (M3) 6. Research and ... (23) (M3) 7. Master Tesis (25) (M4)	**Courses of program (18)** 1. Advanced algorithms (6) I 2. Theory of Algorithms (6) II 3. Combinatorial Optimization (6) II 4. Software or Research Project (6) III 5. Master Thesis (25) IV
Courses of Specializations (21) 1. Modern philosophy and methodology of science (4) I (M1) 2. Problems of management of innovative projects in the field of IT technologies (4) II (M1) 3. Information System (2) III (M2) 4. Distributed Calculations (3) III (M2) 5. Parallel Calculations (3) II (M2) 6. Intelligent Systems (3) III (M2) 7. Database administration and application (2) I (M2)	**Courses of Specializations (36)** 1. Theory of Programming Languages (6) I 2. Open-source programming (6) II 3. Modelling and User Interface Design (6) II 4. Service Oriented Computing (6) III 5. Software Verification and Testing (6) III 6. Web Applications Development-2 (6) IV
Facultative Courses (18) 1. Language (5) II (M1) 2. Foreign language in professional communications / Theoretical Computer Science (5) III (M1) 3. Data analysis / Security of network applications (4) I (M2) 4. Distributed modeling / Administration of corporate networks (4) III (M2)	
	Facultative Courses (36) 1. Humanities Cours (6) (до 48) I 2. Elective Courses I (12) II (6) III (12)