Criteria for enrollment in GRIAT/ Technische Universität KAISERSLAUTERN

Programme	Previous Education	Aver. BSc Mark	Basic Knowledge in	Additional Requirements
Embedded Systems	Bachelor of Science; Bachelor of Engineering in the appropriate program or related field	4	- in electronics (digital and analogous electronics, radio circuits and signals, systems and circuits for signal processing, transmission and receiving, metrology and measurements, information and measuring technique, microprocessors and programming) - more than 60 CP had to be courses from the IT field	1. a statement including motive for the proposed admittance to the course and an explanation of study goals 2. a description of career and personal background with explanations about practical knowledge and experience where necessary (optional) 3. letters of recommendation (optional) 4. for diploma obtained outside Russia, additional consultation with German side is required
Advanced Quantum Technologies	Bachelor of Science in Physics or related field	4	- deep knowledge in statistical physics and quantum mechanics (special paragraph at the questionnaire that let us know which topics/themes of statistical physics and quantum mechanics the students have studied)	
Intelligent Data Processing	Bachelor of Science; Bachelor of Engineering in the appropriate program or related field	4	- mathematical analysis, - linear algebra, - discrete mathematics, - theory of Probability and Mathematical Statistics, - practical skills of programing in any high-level programming language (preferable - skills in object-oriented language) - more than 60 CP had to be courses from the IT field	