

Annex Special admission requirements

1. Admission to the degree program Research in Computer and Systems Engineering requires - in addition to the general admission requirements - the following professional qualifications, which are to be verified in the aptitude test according to § 4 of the Regulations on Admission to Master's Degree Programs at the Technische Universität Ilmenau (MA-ZugO). This aptitude test is to determine whether the applicant meets the special subject-specific requirements for the degree program in Computer and Systems Engineering.
2. The aptitude test is carried out to demonstrate subject-specific aptitude by means of a combination of the subject-specific qualifications named in items 3 and 4 and weighted based on scores.
3. The degree is evaluated according to § 67 para. 1 sentence 1 No. 4 ThürHG as follows:
 - with 40 points in relevant majors or fields of study, for example Computer Science, Computer Engineering, Information Technology, Software Engineering,
 - with 20 points in closely related majors or fields of study, for example Electrical Engineering, Automation.
4. In addition, the level of qualification is assessed according to the final grade of the degree program:
 - a) Very good = 30 points
 - b) Good = 20 points

The final grade of "good" or "very good" in the following subjects or subject groups relevant to the degree program are assessed with 5 points each:

- Software Engineering
- Databases
- Operation Systems
- Communication Networks
- Theoretical Computer Science and
- Automation

A maximum of 15 points can be earned.

5. In addition, the completion of a Bachelor's thesis or an equivalent thesis graded "good" or "very good" or proven qualified professional experience of at least one year will be awarded 5 points.
6. When the applicant achieves a total score of 70 points or more according to the evaluations in sections 3 to 5, the aptitude test is to be evaluated as "Special admission requirements met". Should less than 70 points be achieved, the aptitude test is to be considered as "Special admission requirements not met" (§ 4 para. 4 clause 4, para. 6 clause 1 MAZugO).

7. In case of doubt, the Examination Board shall decide.