



Criteria for the admission of "non-engineers"
to a doctorate at the Faculty of Mechanical Engineering

1. Applicants with a degree in mathematics, physics, chemistry, computer science or another degree in the natural sciences should/can be admitted to doctoral studies leading to a Dr. rer. nat.

In this case, at least one specialist colleague with a degree in the natural sciences, possibly from another faculty, is involved in the doctoral procedure as co-reporter.

2. In the case of an intended doctorate as a **Dr.-Ing.**, the verification of the required engineering knowledge is regulated as follows:

2.1 Based on the work and publications submitted to the supervisor by the applicant, the supervisor prepares a written report on the person (Section 8, paragraph (8) Regulations Governing Doctoral Proceedings), in which the sufficiently proven engineering knowledge is confirmed.

2.2 The supervisor writes a commentary on the submitted work, which confirms the engineering content and sufficient engineering interest.

2.3 The lecture topic chosen for the doctoral procedure must be of a distinct engineering nature and have a different focus than the work submitted as the dissertation.

2.4 In the oral examination taken as part of the doctoral procedure, sufficient basic knowledge of engineering is to be determined optionally (if relevant, in connection with the submitted work) in the following areas by means of questions:

- in relation to practice and application
- in relation to objects, e.g. turbine, motor, pump, plant, or similar
- in relation to substance, material
- in relation to operating equipment (machine, device, plant, etc.)
- in relation to technology, process (procedure, process)

3. If the faculty or university offers a Research Training Group assigned to the research area, successful participation in it **may** be made a prerequisite for a doctorate.

4. I hereby confirm that I have taken note of the implementation provisions under points 2. to 4. and that I agree with these conditions.

Name

Date, signature