

Admission Regulations for Mechanical Engineering M.Sc. of the Faculty of Technology and Bionics of Rhine-Waal University of Applied Sciences

Dated 11 March 2016

*Please note: this English translation is provided for convenience only.
In cases of discrepancies, the German version published in the Official Notices of
Rhine-Waal University of Applied Sciences will take precedence.*

In accordance with Section 2 (4) sentence 1 and in connection with Sections 49 (9) and 64 (1) of the Higher Education Act of the State of North Rhine-Westphalia [‘HG NRW’] from 16 September 2014 (Article 1 of the University Future Act from 16 September 2014, published in GV.NRW.2014 p. 547), the Faculty Council of the Faculty of Technology and Bionics at Rhine-Waal University of Applied Sciences has enacted the following admission regulations for Mechanical Engineering M.Sc.:

Section 1 Applicability

- (1) These regulations shall apply to the master’s degree programme Mechanical Engineering of the Faculty of Technology and Bionics of Rhine-Waal University of Applied Sciences.
- (2) Minimum admission requirements are defined in Section 2.

Section 2 Admission requirements

- (1) The minimum requirements for admission to this master’s degree programme are:
 1. Proof of a professionally qualifying first degree in a relevant field (bachelor-level degrees in relevant fields are listed in the annex), provided this degree was earned in a programme of study encompassing at least 210 total ECTS credit points (CP) or a standard period of study of seven full-time semesters.
 2. An overall final mark for said first degree of at least 2.5 or better on the German grading scale, or alternatively an “A” or a “B” on the ECTS grading scale.
 3. Proof of sufficient proficiency in the English language, demonstrated by a language certificate at the C1 level of the Common European Framework of Reference for Languages (CEFR).

(2) Applicants who are applying on the basis of a professionally qualifying first degree within the meaning of Section 2 (1) no. 1, which was earned neither in Germany, nor in a signatory country to the Bologna Process, must demonstrate their scholastic aptitude beyond the requirements in Section 2 (1) via a separate aptitude examination pursuant to Section 49 (9) HG. The solely accepted aptitude examination for this degree programme is:

- TestAS (minimum combined score of 100, derived by averaging the scores for the core test and the engineering module)

(3) Deviating from paragraph (1) no. 1, if an applicant has earned a first degree in a programme encompassing less than 210 ECTS points or a standard period of study of less than seven full-time semesters – but at least 180 ECTS points or six full-time semesters – then said applicant may be admitted to this programme of study on the condition that he or she completes the missing bachelor-level modules while working towards the master's degree. Generally, the Examination Board and the applicant will conclude a formal Learning Agreement defining the scope of the missing ECTS points and the specific modules which must be completed. Admission to the master's thesis is dependent upon the acquisition of a set number of ECTS points (see Section 21 (1) no. 3 of the Examination Regulations for Mechanical Engineering M.Sc.) In addition to completing additional modules, in principle it is also possible to receive credit towards the prerequisite bachelor requirements for appropriate prior achievements. In this case, credited achievements shall be included in the final grade certificate or premature leaving certificate, but will not be taken into account when calculating the overall final mark.

(4) The Examination Board of the Faculty of Technology and Bionics shall decide whether the subject-relevance requirement in paragraph (1) no. 1 has been met based on submitted study documents and, if necessary, a personal discussion with the applicant on relevant technical topics. The subject-relevance requirement is considered met if the degree was completed in a corresponding field or in a programme sharing the same specialisation as this master's degree programme. If this requirement is not met, applicants must demonstrate a level of technical expertise comparable in scope and content to an undergraduate degree as defined in sentence 2.

(5) In certain justified cases, applicants may also submit a request for exemption from the English language certificate requirement in paragraph (1) no. 3. Such a request is normally justified when the applicant has completed his or her first professionally qualifying degree in English and in a majority English-speaking country. The Examination Board is responsible for approving or rejecting these requests. If an applicant has completed his or her first professionally qualifying degree in English at Rhine-Waal University of Applied Sciences, then no further proof of English proficiency is required.

(6) An applicant is ineligible for admission to this programme of study if he or she was previously deregistered (exmatriculated) from an identical degree programme at another university within the area of application of the Basic Law as the result of definitively failing a prescribed examination. This applies analogously if the previous degree programme is not identical, but rather has a significant amount of content overlap with this master's degree programme. This is the case for master's degree programmes at universities and universities of applied sciences with content that can be predominately attributed to the field of mechanical engineering.

Non-binding English translation. In cases of discrepancies, the German version published in the Official Notices of Rhine-Waal University of Applied Sciences will take precedence.

Section 3
Start of studies and application deadline

- (1) The Mechanical Engineering M.Sc. programme begins each year in both the winter and summer semesters.
- (2) The application deadline for the winter semester is 15 July, and for the summer semester 15 January.
- (3) Further details are provided by the Enrolment Regulations of Rhine-Waal University of Applied Sciences.

Section 4
Entry into force

These admission regulations shall enter into force on the day after their publication in the Official Notices [*Amtliche Bekanntmachungen*] of Rhine-Waal University of Applied Sciences.

Note: These admission regulations entered into force on 28 April 2016.

Annex

List of bachelor-level degrees considered to be relevant or comparable as a requirement for admission (Section 2 (1) no. 1) to Mechanical Engineering M.Sc.

The following bachelor's degree is considered to be in a relevant field:

- Mechanical Engineering

Degree programmes that share comparable emphasis areas with the field of mechanical engineering are:

- Mechatronics / Systems Engineering
- Industrial Engineering
- Materials Science / Materials Engineering
- Vehicle Technology / Automotive Engineering
- Aerospace Engineering
- Manufacturing/Production Technology/Engineering
- Automation Technology/Engineering
- Process Engineering

Bachelor's degrees in the following fields require additional individual assessment by the Examination Board (during the application phase and using relevant module descriptions):

- Electrical Engineering / Electronics
- Environment Technology/Engineering
- Logistics
- Computer Science/Engineering
- Energy Technology
- Bionics
- Physics