Admission Regulations for the Master's Degree "Automation and Robotics" in the Faculty of Electrical Engineering and Information Technology of

The University of Dortmund has issued the following Degree Regulations pursuant to section 2 (4) and section 65 (2) of the Universities Act for the land of North Rhine-Westphalia (Universities Act - UA) of 14th March 2000 (Gazette NRW. p. 190), at last modified via law of 28th January 2003 (Gazette NRW p. 36 – no bulletin) in combination with Art. 3 of the Examination Regulations for the Master's Degree "Automation and Robotics" in the Faculty of Electrical Engineering and Information Technology at the University of Dortmund

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Art. 1 Scope

Admission Regulations govern the admission to the degree programme Automation and Robotics at the University of Dortmund on the basis of the master's degree examination regulations (MDER).

Art. 2 Admission requirements of the degree programme

(1) Only candidates that graduated with the degree Bachelor of Science or Bachelor
of Engineering with at least 180 credit points in one of the following subjects can be admitted to the master’s degree programme „Automation and Robotics“:

(a) Electrical Engineering  
(b) Information Technology  
(c) Computer Science  
(d) Mechanical Engineering  
(e) Chemical Engineering

(2) With respect to admission the (Dipl.-) degree contains the degree Bachelor of Science or Bachelor of Engineering, respectively.

(3) If graduated abroad then the equivalence to respective German degrees is determined in consideration of the list „Ausländische Bachelor-Grade und entsprechende erste Hochschulabschlüsse als Zugangsvoraussetzung für ingenieurwissenschaftliche Postgraduierten-Studiengänge deutscher TU“, that is compiled by the conference of the minister of education.

(4) Adequate language skills to work on scientific literature, to understand scientific presentations and to discuss scientific results in English are necessary for the master’s degree programme, since it is held in English (Art. 4 (5) MDER). These language skills are considered to be proven, if the candidate

(a) completed an English language test successfully, which is equivalent to a number of points according to TOEFEL (Test of English as a Foreign Language) of at least 550 points in the written test or at least 220 points in the computer based test, or if
(b) at least one year of schooling is completed at an English school or if
(c) at least one term is completed at an university in which at least 20 credit points are gained in lectures (classes, courses,…), that are held in English.

(5) Candidates must have adequate knowledge in programming to work on scientific problems an projects, since several lectures of the master’s degree programme require these knowledge. The necessary knowledge of programming is considered to be proven, if the candidates gained at least 20 credit points in programming (lectures of algorithms and data structures belong to it).
Art. 3 Selection of Applicants

(1) If the number of candidates that fulfil the admission requirements is larger than the number of available places at the university, the board of examiners defined in Art. 5 MDER selects the candidates on the basis of their performance in their studies.

(2) For the assessment of the performance in studies the board of examiners may use the following criteria:
   (a) Surveys about the candidate of professors.
   (b) Interviewing the candidate by telephone.
   (c) Assessment of the university at which the candidate received his Bachelor degree.
   (d) External screening tests.

Art. 4 Identification test and conditions

(1) Before starting the master’s degree programme “Automation and Robotics” the candidates need to attend at an identification test. The test should identify the real knowledge of the candidates, especially with respect to the mandatory courses.

(2) On the basis of the results of the identification test the board of examiners may give admission for the present to the master’s degree programme “Automation and Robotics” according to Art. 3 (3) MDER. The final admission may be dependent from further requirements which need to be fulfilled during the first term. These requirements may be the attendance of special courses. However with an successful attendance in these courses no credit points can be obtained.

Art. 5 Effective date and publication

These master's degree regulations shall come into force on .

These master's degree regulations shall be published in the official gazette of the University of Dortmund.

Done in accordance with the resolution of the faculty council of the Faculty of Electrical Engineering and Information Technology .

Dortmund,
Rector of the University of Dortmund

Professor Dr. Eberhardt Becker