

Ravensburg-Weingarten University of Applied Sciences (RWU) Admission and Selection Policy for the Electrical Engineering and Embedded Systems Master's Program as of January 16th, 2020

Pursuant to section 19 (1), sentence 2, no. 10 of the Law on Universities in Baden-Württemberg (LHG) in the version from January 1st, 2005, last amended by Article 1 on March 13th, 2018 (GBl. p. 85), the Senate of the Ravensburg-Weingarten University of Applied Sciences passed the following statutes at its session on January 16th, 2020.

§ 1 Applicability

These statutes pertain to admission to the Electrical Engineering and Embedded Systems master's program at the Ravensburg-Weingarten University of Applied Sciences.

§ 2 Responsibility

A selection committee is responsible for the proper execution of the admission procedure and should compile a list of recommended candidates as a basis for the selection of applicants by the university administration. The respective faculty dean should chair the selection committee and the rest of the committee should consist of members from the examination board. A further member from outside the university may be appointed in an advisory capacity.

§ 3 Application Deadlines

Applications for admission in the winter semester to the Electrical Engineering and Embedded Systems master's program must be submitted by April 15th, prior to the beginning of that semester.

§ 4 Criteria

The prerequisites for admission are:

1. Bachelor degree or other equivalent qualification in the field of electrical engineering, electronics, or other related field of study with an overall grade of at least 2.5 (German grading system), calculated according to § 6.
2. Documented proficiency with VHDL/Verilog
3. Documented proficiency with an object-oriented programming language
4. Good command of the English language, normally demonstrated by an IELTS or TOEFL test. (The IELTS test must be completed with an overall band score of at least 6.0 and the TOEFL test with at least 70 points in the "computer based version". The test scores may not be more than two years old).
5. Admission for those with a bachelor's degree consisting of only 180 credits is permitted. In this case, additional work equivalent to 30 credits must be completed in the field of electronics/electrical engineering. The nature and content of the additional workload shall be determined by the chairman of the examination board at the beginning of the course of study and must be completed at the latest before applying to begin the master's thesis. The additional credits will be listed in the Diploma Supplement but are not calculated into the final grade of the master's degree.

§ 5 Selection and Ranking

- (1) If the number of applicants exceeds the number of places available in the program, a ranking system will determine who is admitted. The ranking is determined by the applicants' overall

grade point average in accordance with § 6. In the event of equal ranking, the average grade point average in all mathematics courses taken during the bachelor's degree program will be used a tie-breaker. If two or more applicants still have the same rank even after taking the mathematics grades into account, the decision shall be made by way of a random drawing.

- (2) 50% of the program places are reserved for German citizens or those with an equivalent legal entitlement.

§ 6 Calculation of the Final Grades

College grades are used to calculate the overall grade point average as defined in § 4. For the purposes of admission decisions, this grade can be augmented by a **maximum** of 0.6 points and the following **documented** achievements may be taken into consideration during the GPA calculation:

- (1) Research in the field of electronics/electrical engineering
(worth up to 0.3 grade points)
- (2) Professional experience in the field of electronics/electrical engineering
(worth up to 0.3 grade points)
- (3) 164 - 170 points in the "Quantitative Reasoning" section of a GRE revised General Test taken within the last two years (worth 0.3 grade points)
- (4) 161 - 163 points in the "Quantitative Reasoning" section of a GRE revised General Test taken within the last two years (worth 0.1 grade points)

Only a GRE test result may be presented for consideration when calculating final grades.

§ 7 Going into Effect

This statute comes into effect on the day following its public announcement and applies to the admission procedure for the 2020/2021 Winter Semester and subsequent semesters. This policy replaces the former Ravensburg-Weingarten University of Applied Sciences admissions policy for the Electrical Engineering and Embedded Systems master's program from June 2nd, 2016.

Weingarten, January 16th, 2020

Prof. Dr.-Ing. Thomas Spägele, Rector