

KARLSRUHE UNIVERSITY OF APPLIED SCIENCES

Statute of Karlsruhe University of Applied Sciences pertaining to the selection procedure for the acceptance of applicants (m/w) to the Master's Course in Sensor Systems Technology

As of January 30th 2009

On the basis of § 29 para. 2 of the State University Law (LHG) dated January 1st 2005, last amended by the Act for the Realisation of the Reform of Federalism in the Field of Higher Education dated December 3rd 2008 in conjunction with §§3 para. 1 Clause 3, 20 paras. 1 and 3 of the Ordinance on the Awarding of University Placements dated January 13th 2003 (GBI. S.63), each in their versions valid at any given time, the Senate of Karlsruhe University of Applied Sciences resolved upon the following statute on January 20th 2009.

§ 1

Area of Application

- (1) This statute governs the acceptance of applicants to the Master's Course in Sensor Systems Technology at Karlsruhe University of Applied Sciences on the basis of an aptitude test.
- (2) The places on said course will be awarded on the basis of an aptitude test which is described in greater detail in §§ 2 to 6 below.

§ 2

Responsibilities

The Dean of Studies and 4 other professors from the Master's Course in Sensor Systems Technology appointed by the Faculty Council, plus one representative of the International Students' Office are responsible for the implementation of the aptitude test and suggest to the Rector those application whom they feel should be granted a place.

§ 3

Deadlines for Applications

Admissions to the first semester will always be, without exception, for the summer semester. The deadline for applications is the 15th of January of the year in question (cut-off deadline).

§4

Bases for Decision-Making

- 1) Prerequisites for admission are:
 - a) Possession of a Bachelor's Degree or any other university degree at least equivalent to that in a field appropriate to the profile of the Master's Course having a course scope of at least 180 credits (ECTS).
 - b) In the case of applicants from abroad, a conversion to the German system of marking will be undertaken in accordance with the Central Office for Foreign Education (ZAB).

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- c) Proof of knowledge of the English language in the shape of a TOEFL-certificate (at least 550 credits, paper based) or any other recognised appropriate certificate or a test carried out at the Foreign Languages' Institute of Karlsruhe University of Applied Sciences.
 - d) A training profile, to be reviewed in the course of the aptitude test as in §6, which is to be evaluated on the basis of the complete set of grades from the previous course of study and professional career and the establishing of above-average performances in said course of study, i.e. an ECTS rating of at least "B" or an overall grade of 2.3 or better.
- 2) Should the number of applicants exceed the number of places on the course, then the position occupied in the ranking list will decide who is admitted. The ranking list is compiled on the basis of the Evaluation Number according to § 6 taking § 5 into account and of the Prerequisites for Admission as defined in § 4 para. 1.
 - 3) Should it not prove possible to fill the number of places on the course prescribed in the Admission Figures Ordinance with applicants fulfilling the criteria defined in para.1, then applicants with degrees as defined in para.1 and an overall grade of at least 2.5 may also be admitted, provided they achieve a sufficiently good score with regard to the ranking list of the Evaluation Numbers (§6).
 - 4) The Admissions Commission may decide, for up to 10% of the available first-semester places, in favour of applicants who, even though they may not fulfil the prerequisites as defined in paragraph 1 or 3, can nonetheless point to special achievements that give rise to the expectation that they may complete the course successfully. Such a performance could be, for example, many years' successful professional activity in a field relevant to the course.

§ 5

Selection Decision and Ranking

In the case of equal ranking, the grade achieved in the final paper (thesis, dissertation or other) shall decide. If, after the final paper has been taken into account, there is still equal ranking, then all equally ranked applicants will be admitted.

If, after the above procedure, there should still be places available, these will be awarded to applicants according to §4 para. 3. The selection commission shall decide upon the order.

§ 6

Evaluation Number (BZ)

- 1) In order to assess the particular aptitude and draw up the ranking list for the aptitude test, an Evaluation Number will be compiled. This will be made up of points that awarded for the assessment of the training profile and the average grades achieved in those subjects decisive for said profile.

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Technology

- 2) The training profile is made up of the seven subjects mathematics, physics, chemistry, electronics, informatics, microcomputers and control engineering. Should the previous course of study attended by an applicant include a further subject relevant to the course, then this may be added to the evaluation as an eighth topic.
- 3) The compliance with the training profile according to para. 2 will be assessed at a maximum of 2 points per subject. Specialist professional experience in any of these fields will also be taken into account. The points will be added together.
- 4) The grades for those subjects making up the training profile according to para. 2 will be assessed on a scale ranging from 0 to 10 points (10 points representing the best performance). The points will be added together and their total divided by the number of grades included in the assessment.
- 5) The BZ is compiled by multiplying the result of para. 3 with that of para. 4. The higher the BZ, the greater the aptitude.
- 6) The selection commission may decide to stipulate multiplying factors of between 0.8 and 1.2 for particular circumstances such as internationally recognised tests or recognised university degrees of different standards to be used in calculating the BZ-

§ 7
Coming into Effect

This statute shall come into effect on the day of its public proclamation. It shall be applied for the first time to the admissions procedure for the summer semester of 2009.

Karlsruhe, January 30th 2009

The Rector

Signed: Prof. Dr. Karl-Heinz Meisel

Verification of public proclamation: Authentication
Displayed on: February 2nd 2009
Taken down on:
Published on the intranet: on February 2nd 2009

Daniela Schweitzer
Chancellor