Guide for Applicants
(Version 2019)

Master Research Program

Master of Engineering Elektro- und Informationstechnik
(Master of Engineering in Electrical Engineering and Information Technology)

General information:
The three semester Master Research Program not only consists of typical coursework; candidates also take part in research projects at one of the following institutions:

1.) University of Applied Sciences Würzburg-Schweinfurt, Faculty of Electrical Engineering in Schweinfurt
2.) University of Applied Sciences Aschaffenburg, Faculty of Engineering Sciences in Aschaffenburg
3.) University of Applied Sciences Coburg, Faculty of Electrical Engineering/Informatics in Coburg

Students work on a sophisticated R&D project for 18 months. I.e. they do research work for one year (24 credit points), report regularly in seminars (6 CP) and finish their research work in a final Master thesis (28 CP). Additionally, candidates must attend scientific, technological and interdisciplinary courses (20 CP) and they have to deal with research methodology (12 CP) both at their home faculty in Schweinfurt, Aschaffenburg or Coburg or at an additional university, e.g. at the University of Würzburg.

This coursework must be related to the research project and is selected by the candidate under advisement of his/her R&D supervising professor. Although the language of the program is German, one of the seminar presentations is given in English. The Master thesis is written either in German or in English.

Applicants must have a first degree in Electrical Engineering or a closely related field (minimum: a Bachelor's degree with 210 credit points), and a grade point average of 2.5 or better according to the German grading scale.

Applicants must also have a high level of personal ability. They will be expected to take the initiative in finding their research project and project supervisor as described below.

If there should be any questions, please feel free to contact the a.m. faculties. You can find contact persons for the master study online.
Procedure for applying:

1st step:
Submit an application for the study. Related information can be found online:

www.fhws.de
www.h-ab.de
www.hs-coburg.de

You must present certified copies of your first degree diploma and transcript listing all credit points and grades as well as an official certification of equivalence to German degrees from universities (including total credit points and grading).

Also note that you need German language skills of at least level B2 according to the “Common European Framework of Reference for Languages, CEFR”.

Please note the deadlines for online application: 15th of January for start of the study in the summer semester and 15th of June for start in winter semester.

2nd step:
It is obligatory to take part in an oral examination to determine your level of academic / scientific knowledge regarding the master study. After successful application and fulfilment of the qualification requirements you will be invited to an aptitude assessment procedure.

3rd step:
After successful assessment of your aptitude you will be invited to matriculate to the study.

4th step:
After your beginning of the study or also in advance, you have to choose a topic for your research project. You can gather information about the research fields of the professors at the faculties mentioned above.

Contact the professor(s) in your field(s) of interest, introduce yourself and ask whether the professor is currently able to define, offer and supervise an R&D master project. Please note that due to numerous obligations, professors have a limited capacity for supervising additional projects. If you find a professor interested in supervising your project, you will be asked to meet with the professor to discuss the technological background, the prerequisites, the aims and qualification requirements of the project. After this consultation you must submit an application for the project as discussed in the meeting. The project has to be accepted by the Examination Board before.