

February 2022

Master's Course Scientific Instrumentation (M. Sc.)

Dear Sir or Madam,

In the framework of the Master's Course Scientific Instrumentation, the students have to perform a research internship and a master's thesis. The research internship is regularly scheduled in the third semester. It can be performed in one of our laboratories, at a research institute or in industry doing research and development. The minimum duration is five months but voluntarily it can be extended for up to six months. Before starting the internship, the student has to get approval by our department. After finishing the project, the students are required to hand in a written scientific report. The internal mentor of the project at the institute or enterprise has to provide a referee's report on the project which should contain a suggested grade and confirmation of the duration.

The master's thesis work is regularly done in semester four. The master's thesis work can be performed in the same kind of institution as the research internship. According to the examination regulations, the master's thesis work has a maximum duration of five months. If appropriate and wished by the student, it may be preceded by a period of orientation work. The orientation work is not a compulsory part of the curriculum. It will be considered as reasonable if the total time for orientation work and master's thesis will take up to half a year. Before starting with the orientation work, the student should get approval from the department. The master's thesis work (with its maximum duration of five months) will start officially after the *Application for the Assignment of the Master's Thesis Topic* has been approved. The student has to submit a written thesis. Again, a referee's report suggesting a grade is required from the internal mentor. The topic of the master's thesis may be built on the work done in the research internship or it may be from a completely different field. Research internship and master's thesis can be performed in the same or in different institutions.

With best regards,



Prof. Dr.-Ing. Ronny Gerbach  
Course leader "Scientific Instrumentation"

The information in this letter has been assembled after best knowledge. Legally binding are only the "Allgemeine Studienordnung" and the "Allgemeine Prüfungsordnung für Masterstudiengänge im Fachbereich SciTec" as well as the "Studiengangsspezifische Bestimmungen für den Masterstudiengang Scientific Instrumentation an der Ernst-Abbe-Hochschule Jena" valid for the student.