

Why a Practice Semester?

The objective of the practical study semester (Practice Semester) is to establish a close connection between study and occupational practice. In this way, students should learn to apply and deepen their previously acquired theoretical knowledge in engineering tasks on complex problems in practice. The students should be provided with the opportunity to become acquainted with the economic, technical and social requirements, as well as their interaction within a project-related environment. As well as in-depth use of specialist know-how in concrete examples, the Practice Semester serves in particular for training in the following key qualifications:

- Written/Verbal technical expression capability
- Target-oriented work in organisational structures (time management, adaptability, flexibility)
- Self-sufficiency and co-responsibility
- Teamwork capability within the framework of social interaction (e.g. intercultural competencies, critical capability, conflict management, reliability, self-assertion)
- Reflection and assessment of the knowledge acquired.

Basics

The Practice Semester is a component of the master's study. It is recommended to complete this in the **3rd semester** of the master's study, since a certain know-how should have been acquired by then. The Practice Semester encompasses **20 weeks**, where vacation or illness times are not included.

What do I have to do as a student?

1. Find an adequate **facility** which corresponds to the aims of the Practice Semester.
2. Find a possible **examiner** at the university for the Practice Semester.
3. Fill out the Declaration Form for the Practical Project in the Master's Degree Programme (see <http://www.fbg.uni-hannover.de/formulare.html>)
4. 2-4 weeks after the start of the Practice Semester, a **project outline sketch, including time schedule**, must be discussed with the examiner for the Practice Semester.

5. At the end of the Practice Semester, a **report** must be submitted. Scope and content must be arranged with the practical appointee and the examiner. In this case, possible obligations to maintain confidentiality are to be considered on the part of the Practice Semester appointee.
6. An **evaluation sheet** must be filled out by the Practice Semester appointee. Here, your method of working during the Practice Semester and your progress are evaluated. This evaluation sheet serves as a basis for the final evaluation.

On completion of the Practice Semester, a **presentation** of the results must be made to the university. This is incorporated into the evaluation of the Practice Semester.

In which facilities can I complete my Practice Semester?

The facility should be selected according to your course of studies, your personal interests and aims. This can be e.g.

- Large-scale industrial operations and suppliers
- Large-scale investigation facilities
- University research institutes outside of Hannover University, certainly also

abroad. The participating institute can assist you with the search.

If I still have questions

In case of possible open questions concerning the Practice Semester and regarding the registration itself, the Advice Center of the Faculty of Civil Engineering and Geodesy can assist:

Studiendekanat Bauingenieurwesen

Telephone: 0511 762 19190

E-mail: studiendekanat-bau@fbg.uni-hannover.de

Consulting hours: Tuesday 11:30-12:00, Room 239 (3407)

Please find further information on the Practice Semester at www.fbg.uni-hannover.de/praktikum, such as e.g.

- Directive on the Practice Semester and
- the Directive for supporter providers



Directives Practice Semester

in the Master's Degree
Programme Computational
Methods in Engineering