

TRAINING PLAN

for the practical study semester in the Bachelor's degree programmes in Mechanical Engineering, Production and Automation Technology, Digital Engineering in Mechanical Engineering, Sustainable Energy and Hydrogen Systems, and International Mechanical Engineering

Timing: usually the 5th semester *

Duration: usually 20 weeks (100 days) **

Training objective:

Introduction to engineering practice through specific tasks in an industrial setting.

Training content:

A maximum of 3 areas must be selected from those listed below:

1. Development, project planning, design
2. Manufacturing, production preparation and control
3. Planning, operation and maintenance of machinery and plant
4. Testing, acceptance and quality assurance
5. Technical sales

The practical study semester focuses on engineering practice. The knowledge acquired during the course so far is to be tested and applied in practice. Expert guidance from an experienced engineer is a prerequisite for this.

Further details on the procedure and requirements for the practical study semester can be found in the ELO course. ([Course: Practical Study Semester and Dual Study Programme](#) (B-MB, B-PA, B-IME, B-DEM) | E-learning)

Stefan Galka, 19 September 2025

* If the requirements for entry into the practical study semester are already met at the start of the 4th semester, the placement may be brought forward by one semester.

** If the practical-based modules are not attended during the placement but instead in block sessions or in the following semester, the duration of the placement is reduced by two weeks.