

At the Faculty of Mechanical Engineering and Safety Engineering,
in the Chair of Materials for Additive Manufacturing (Prof. Gökce),

a position as a

Student Research Assistant (SHK/WHK)

with 8–10 hours per week (hours to be agreed upon)

is available from November 2025, limited to 12 months (with the possibility of extension).

The team at the Chair of **Materials for Additive Manufacturing** conducts research on cutting-edge topics in materials science and additive manufacturing, aiming to develop new processes and materials for 3D printing of metals and plastics.

<https://mam.uni-wuppertal.de/en.html>

To support ongoing research activities in the field of metal additive manufacturing, we are looking for a motivated student research assistant.

Professional and personal qualifications:

- Enrolled student at University of Wuppertal in Mechanical Engineering or a scientific degree program
- Enjoyment of and skill in hands-on work
- Interest in powder-based additive manufacturing of metals
- High level of independence and reliability
- Careful and structured working style
- Basic knowledge of programming with Python (optional)
- Experience with optical devices and/or powder-based additive manufacturing (optional)
- Good German and English skills (both languages are used in the work environment)

Tasks and requirements:

- Support and independent execution of processes in metal additive manufacturing, including preparation and post-processing of equipment
- Material preparation (substrates, powder materials)
- Digital preparation of component data and scan strategies
- Metallographic sample preparation and evaluation
- Assistance with laboratory organization, maintenance, and supervision of workspaces and equipment
- Collaboration with a team of dedicated researchers aimed at pushing the boundaries of additive manufacturing technologies

Please send your application (including a cover letter, CV, certificates, and current enrollment certificate) as well as any inquiries to Frau Silja-Katharina Rittinghaus (rittinghaus@uni-wuppertal.de).

Applications from people of all genders are welcome. Women will be given preferential consideration in accordance with the Equal Opportunities Act of North Rhine-Westphalia (NRW), provided that no overriding reasons exist in the person of another applicant. The rights of people with severe disabilities to be given preferential consideration in case of equal suitability remain unaffected.

Application deadline: 15.10.2025

Early applications are encouraged, as the position may be filled before the closing date.