

FAQ's

Research Master Advanced Materials and Manufacturing (AMM)

Requirements for an application:

- Successful Bachelor's degree with at least 210 ECTS from the fields of engineering, materials science, mechanical engineering, production engineering, physics, chemistry or similar. Admission with 180 ECTS is possible; the Master's course is then extended by one semester.
- Bachelor's degree with a grade of at least 2.7 or better
- Interest in 1-2 of the research topics offered and previous knowledge in this field. Affinity for research and scientific work in international teams.

Please note: The AMM is a research master's program in which a lot of time is spent on research work in the laboratory and only a few lectures have to be attended. For this reason, basic knowledge from the previous Bachelor's program is required for the chosen research topic.

Application deadlines:

Application deadline summer semester: 15.12.

Application deadline winter semester: 15.06.

The application period runs for 8 weeks. Please note the information in the applicant portal:

https://onlineportal.bewerbung.htw-aalen.de/sap/bc/ui5_ui5/sap/yslcm_hfext/index.html#/Logon

Application Documents:

1) The certificate of a first professionally qualifying university degree or a certificate of the provisional grade if a university degree can be obtained by the end of the submission deadline (30.11. winter semester, 30.04. summer semester).

1 a) Applicants from outside the EU:

- Certificate from the Academic Evaluation Center (<https://www.htwg-konstanz.de/studium/studienkolleg-der-htwg-konstanz/startseite-studienkolleg>)

- VPD from uni-assist (<https://www.uni-assist.de/>)

2) The certificate of higher education entrance qualification

3) At least one research topic - maximum 2 research topics in PDF format according to the announcement of the degree program. https://www.hs-aalen.de/de/pages/m-sc-advanced-materials-and-manufacturing-research-master_forschungsthemen The application for a study place with the preferred research topic / research topics can only be made using 1-2 of these PDFs listed here.

The selected research topic/PDF must be uploaded with the application documents.

4) A meaningful letter of motivation with reference to the selected topic(s) in the context of your own person (maximum two pages DIN A4) in German or English

Recommended structure of the letter of motivation:

- Brief introduction of the person and previous career (approx. 0.3 p.)
- Key areas of study that provide a basis for the chosen research topic(s) (approx. 0.3 p.)
- Motivation for studying AMM at Aalen University (approx. 0.3-0.5 p.)
- Motivation for the chosen research topic(s) (approx. 0.3-0.5 p.)
- Brief outlook/perspective on what you are aiming for after the AMM Master's program.

5) A tabular curriculum vitae with current contact details (maximum two pages DIN A4)

6) Proof of English language qualification at English B2 level.

Only the following are recognized:

1. *German university entrance qualification stating the language level achieved,*
2. *TOEIC (L&R) with a minimum score of 785,*
3. *TOEFL (iBT) with a minimum score of 72,*
4. *TOEFL (ITP) with a minimum score of 543,*
5. *Cambridge First with at least Grade B,*
6. *Cambridge CAE or CPE with at least Grade C,*
7. *IELTS with a minimum score of 6.0,*
8. *PTC Academic B2 with a minimum score of 65 or*
9. *UNlcert II certificate with a minimum grade of 2.3.*

7) Copy of the ID document

Documents 1 - 7 must be submitted. Only complete application documents can be processed.

Optional documents to be submitted:

8) Bachelor's thesis in PDF format

9) If available, proof of special achievements, qualifications or knowledge that go beyond the normal university degree, which were achieved or acquired after the Bachelor's degree.

10) Proof of scientific publications or scientific conference contributions related to the prioritized research topics (if available)

Officially certified or original documents must only be submitted upon matriculation.

After the application:

After the application deadline, the applications received will be carefully checked. As part of this selection process, aptitude tests are carried out with suitable applicants. This selection process can take up to four weeks after the application deadline.

If no contact has been made within six weeks of the application deadline, you can expect a subsequent rejection.

If you pass the aptitude test, you will be admitted promptly.

Costs per semester:

€ 144.00 Semester fee

€ 650.00 Second degree Master

€ 1500.00 Semester fees for students from outside the EU

Study:

Lectures available in English

Examination language English

Thesis English

Work in international teams (compulsory attendance)

The language in the working groups is English

Semester schedule:

<https://www.hs-aalen.de/semesters/23>

Living:

<https://www.hs-aalen.de/de/pages/studentenwohnheime>

Grants:

https://www.hs-aalen.de/de/pages/stipendien_uebersicht

Working:

- Possibility of employment at the university
- Support for voluntary internship (via vacation semester) in industry in the region with numerous world market leaders

Prospects:

- Possibility of a PhD thesis at Aalen University or other research institutions worldwide
- High-level engineering tasks in research and development worldwide