Artificial Intelligence Aided Mobility Design M.A. - Hof University — Hof University

Source: https://www.hof-university.com/studying-at-hof-university/our-degree-programs/artificial-intelligence-aided-mobility-design-ma.html

This Master’s program aims to developversatile designers who thrive at the intersection of design and technology. By integrating AI-based tools into the design process, students acquire a balanced skill set that enhances both creative vision and technical precision.

Realistic, future-oriented projects are at the core of this program, giving studentshands-on experience in collaboration with industry, policymakers, and academic partners inshaping sustainable mobility solutions. This focus on interdisciplinary work empowers graduates toconfidently lead innovationin a rapidly evolving, tech-driven design landscape.

This program equips you with a future-proof skill set, preparing you to be a designer who cansuccessfully bridge design and engineering. You will become proficient in cutting-edge AI techniques, preparing you to develop innovative and sustainable solutions for complex challenges.

This training enables you towork seamlessly within multidisciplinary teams, where you will be able to communicate and operate across various fields. With a deep understanding of technical and aesthetic aspects of design, you will be ready to meet the demands of a dynamic industry.

Close collaboration with industry partnersfurther enriches your learning, ensuring that your skills are practical and adaptable to real-world applications. The program also prepares you for continuous development in the evolving fields of technology and design.

In short, with this Master's program, you will …

gain the skills to push the boundaries of mobility design in the AI era,

work on future-oriented projects that address real-world challenges,

build interdisciplinary expertise to confidently lead innovation in a rapidly evolving, tech-driven landscape,

be ready to meet the demands of a dynamic and competitive industry.

The M.A. in Artificial Intelligence Aided Mobility Design is a three-semester program. Semester 1 and 2 provide practice-oriented theory, while semester 3 is devoted to the Master's thesis.

Semester 1 and 2:

Technical Product Development I

New Technology in AI and Robotics

Project I

Data Mining and Machine Learning

Design Process | general

Design Process | AI Theory

Technical Product Development II

Project II (AI)

Semester 3: Master's thesis

As a graduate, you will be ready to...

Work as a designer within development teams or departments, contributing to industrial design processes with technical and creative expertise.

Serve as a mediator between technology and design (e.g., as a studio engineer).

Coordinate the creative aspects of development processes or projects, ensuring interdisciplinary alignment and innovation at the intersection of design and engineering.

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Academic requirements

Bachelor’s degreeor similarin engineering or designfrom an accredited university

at least210 ECTSor equivalent (depending on home country)

minimum grade 2,5according to the German grading system

Special regulations for applicants with less than 210 ECTS

Applicants withless than 210 credits(ECTS) can be accepted, but must make up the missing credits through a post-qualification:

either through aninternship(at least 900 hours / 6 months) (only possible if the internship was not yet recognised as a compulsory internship in the Bachelor's degree) or

attending appropriate modulesat Hof University.

It is possible to combine the recognition of a shorter internship with the attendance of modules at the university.

For both alternatives, please calculate an additional (fourth) semester.

Language requirements

Proof of English language proficiencyby either of the following options:TOEFL minimum 90IELTS 6.5 or above

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IELTS 6.5 or above

Proof of basic German language skillsfor applicants from abroad (Certificate forminimum level A1according to the Common European Framework for Languages (CEFR))

Theapplication processconsists oftwo steps:

Step 1:

You provide insightful information about your career to date and about your previous skills and projects. This can be done either with

a digital portfolio with self-created design work samples that provide information about your artistic talent and suitability, or

the documentation of a design/development project that was successfully carried out in practice either by yourself or largely as part of a team, or

a self-written scientific paper in German or English.

Step 2:Digital aptitude testwith a practical part and a detailedinterviewin English

All applications must be submitted online via ouronline application portal Primuss.

The application period for winter intake is between April 15 and May 31.

The application period for summer intake is between November 05 and November 30.

If you acquired your university entrance certificate abroad,uni-assistmust assess the certificate before you can send it to Hof University. We advise you to send your documents touni-assistat least 4 weeks before our application deadline.

If you have any questions concerning the application process, please contactadmission(at)hof-university.de.

Download our program brochure:

Artificial Intelligence Aided Mobility Design (M.A.)

Important dates:

Next aptitude test for the summer semester 2026

The next aptitude test will take place on Monday, December 1, 2025. You will be individually invited to participate in the aptitude test.

Further details will follow.

AI Aided Mobility Design

Winter semester: April 15 - May 31

Summer semester: November 5 - November 30

Info and services

Intensive support

Hof University offers a safe, friendly and open-minded study environment. Find out more about our intensive personal support for international students!

At the Selb campus, ourprograms in Design and Mobilityare offered. They contribute to Hof University'sGreentech Strategywith sustainable solutions and address the future of mobility directly.

Teaching currently takes place in the so-called Mirror House of the Rosenthal company.

More about the learning site Selb

Head of Program / Academic Advisor

Head of Examination Board

Student Affairs - Program Manager

Prof. Alexander Forst

Friday: 08:00 - 15:00via Mail

Prof. Lutz Fügener

Annalena Hüttner

Please contact our Welcome Center.