



AI-Driven Supply Chain Management (M.Sc.)

Master's Program
Business Department



**Hochschule
Hof**

University of
Applied Sciences

AI-Driven Supply Chain Management – What is it all about?

This English-taught Master's program equips students with the skills to tackle the dynamic challenges of global supply chains. Combining theoretical expertise with hands-on learning, it prepares future professionals to enhance supply security, flexibility, and long-term competitiveness.

Key areas of study include international value chain management, digital procurement, and AI-driven logistics. Students also explore supply chain analytics, automation, digital identification, and business process management.

Additionally, the program provides in-depth knowledge of data science, applied AI concepts, and global business strategy, empowering graduates to drive innovation and digital transformation in a rapidly evolving economy.

With these skills, graduates are well-positioned for leadership roles in global companies, shaping the future of supply chain management and digital logistics.



What do I gain with this M.Sc.?

With this Master's program, you

- _ gain an in-depth, practice-oriented qualification that prepares you for a management role in global supply chain networks,
- _ develop expertise in AI-driven technologies and data-driven decision-making for supply chain optimization,
- _ understand how to leverage automation, AI, and digitalization to enhance supply chain efficiency, sustainability, and resilience,
- _ acquire the skills to navigate and manage complex, interdisciplinary, and international value networks.

In addition, you benefit from

- _ easy and direct exchange with your professors (all with many years of international managerial experience),
- _ a modern and innovative lecture approach,
- _ valuable work experience and intercultural competence gained during the internship semester.

Further information is available on
www.hof-university.de





Fast facts



Degree awarded

Master of Science (M.Sc.)



Duration

3 semesters (including Master's thesis)



Language of instruction

Fully taught in English



Internship

Mandatory internship abroad in industry (semester 3); must be completed in a country which is different from the student's nationality



Tuition fees

No tuition fees; just an administrative fee of approx. € 150 per semester



Services and support for international students

- _ organisational support before and during your studies at Hof University
- _ assistance in finding accommodation
- _ Orientation Week prior to the start of your studies
- _ social integration
- _ career-promoting activities such as intercultural trainings, field trips, and company visits
- _ free public transportation in the city of Hof

What are the prerequisites?

Academic requirements

A **business-oriented Bachelor's degree** (e.g. Business Management, International Management, Industrial Engineering or Business Informatics) from an accredited university;

- _ at least **210 ECTS** or equivalent in total and at least 110 ECTS in business-related subjects
- _ **minimum grade 2,5** according to the German grading system

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

- _ either through an internship (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 modules at 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

You need to prove your **proficiency in English**. This can be done with either of the following:

- _ TOEFL minimum 90
- _ IELTS 6.5 or above

In addition: **Basic language skills in German**, proven by official test score documents - **minimum level A1**

Timeline

Online application

You register in our online portal Primuss and fill in the application form with your personal details. If you acquired your university entrance certificate abroad, **uni-assist** must assess the certificate before you can send it to Hof University. We advise you to send your documents to uni-assist **at least 4 weeks before our application deadline.**



Application period



Winter semester:

EU: May 1 - July 15

Non-EU: April 15 - May 31

Summer semester:

EU: November 15 - January 15

Non-EU: November 5 - November 30



Get your admission letter from Hof University



WiSe: in June/July

SuSe: in December/January



Online enrolment



WiSe: in September

SuSe: in March



Orientation Week for international students



WiSe: last two weeks of September

SuSe: first two weeks of March



Start of your studies at Hof University

WiSe: October 01

SuSe: March 15

WiSe: Winter semester **SuSe:** Summer semester

Semester 1 & 2	Practice-oriented modules (all mandatory) _ Automation and Control in Logistics and Supply Chain Management _ Data Science and AI Fundamentals _ International Value Chain Management _ Global Business Strategy _ AI-Driven Marketing _ AI-Driven Logistics _ AI-Driven Process Management _ Digital and Sustainable Procurement _ Supply Chain Analytics _ Advanced Issues of Digital Supply Chain Management
Semester 3	Internship and Master's thesis _ Master's thesis with an internationally operating company _ practical work-experience abroad (mandatory internship; at least 3 months) _ The internship must be completed in a country which is different from the student's nationality.

What are my career perspectives?

As a graduate, you...

- _ can confidently design, analyze, optimize, and digitally transform global supply chain networks,
- _ are able to enhance supply chain efficiency, sustainability, and resilience using AI-driven solutions,
- _ have the skills to implement and lead data-driven decision-making processes in procurement, logistics, and supply chain management,
- _ have excellent career prospects for leadership positions in globally operating companies at the intersection of supply chain management and digital transformation.

... Entry positions?

You are ready to work as

- _ AI-Driven Supply Chain Manager
- _ Supply Chain Analyst
- _ Logistics and Operations Manager
- _ Procurement and Sourcing Manager
- _ Digital Transformation Manager
- _ Digital Innovation Manager
- _ Risk Manager in Supply Chains

Why choose Hof University?



At Hof University, you can expect

- _ a first-class, hands-on education,
- _ a safe, friendly and open-minded study environment, especially for international students,
- _ extensive personal support by our Welcome Center, International Office and Career Service.



In addition, you benefit from

- _ assistance in finding accommodation,
- _ orientation sessions prior to the start of your studies,
- _ additional activities such as intercultural trainings, field trips and company visits,
- _ 24-hours access to computer labs and library,
- _ free wifi on campus.



About Hof University

Founded in 1994 as a Bavarian state university, Hof University of Applied Sciences offers a very attractive study environment with its modern architecture and state-of-the art facilities. Practice-orientation, internationalisation and graduate employability are at the heart of teaching and research at Hof University.

German students and international students from more than 60 countries learn together on our open-minded, intercultural campuses in Hof and Münchberg. Exciting student initiatives (e.g. eSports, Fairtrade Group or Formula Student) make student life even more interesting.

All professors and lecturers have a strong academic background as well as practical experience in the industry. As a result, graduates of Hof University are ideally prepared for the domestic and international labor markets.

Located at the top of Bavaria, Hof and Münchberg are safe and cozy towns in the heart of Europe with all amenities of a university town. Their green surroundings are ideal for all outdoor activities, and major cities like Berlin or Munich are within easy reach.



Who can I contact with further questions?



Head of Program

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Welcome Center

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