

Hochschule  
München  
University of  
Applied Sciences

Munich Summer Schools  
of Applied Sciences

# The Journey to Industry 4.0 – From Operational Excellence to Advanced Manufacturing and Smart Supply Chains

July 17<sup>th</sup> to July 28<sup>th</sup>, 2023  
Munich, Germany

[hm.edu/  
summerschool](https://hm.edu/summerschool)

Foto: Sandra Solveig Sommerkamp



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# Academic Courses



To get the most from the company visits the summer school offers three academic courses:

- Future Supply Chain Management
- Digital Operational Excellence
- Industry 4.0

The Future Supply Chain Management course focuses on the challenges that the currently successful German supply chains will be facing in the years to come. You will understand the development of supply chain and operations management in Germany and have an overview of the main future challenges. Basic knowledge of supply chain risk management completes this part of the course.

The Digital Operational Excellence course focuses on the concept of Operational Excellence of German companies as a basis for digitalization. A special focus is given to analysing and improving processes in an industrial context. During the company visits you will have the opportunity to see how these improvements build the basis for successful digitalization and automatization.

In the Industry 4.0 course students learn about the idea, the strategy, the goals and the principles behind industry 4.0. Industrial applications as well as research results will be discussed.

## You will receive 6 ECTS (3 US credits) for the academic content

All courses are taught in English by a team of two renowned lecturers from Munich University of Applied Sciences:

- Prof. Andre Krischke and
- Prof. Jürgen Spitznagel

Please visit

[hm.edu/summerschool](https://hm.edu/summerschool)

for detailed course descriptions and updates concerning the company visits.

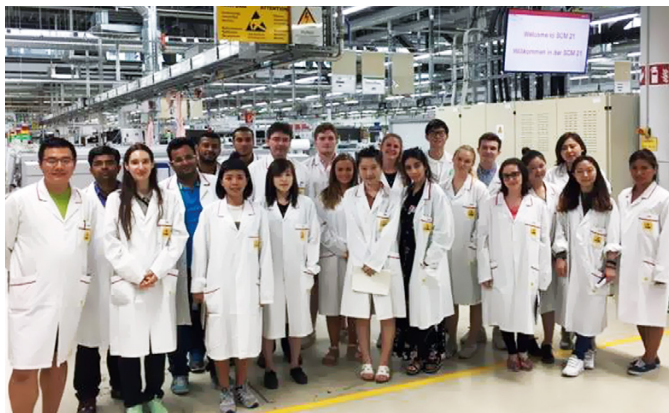


# Company visits make this summer school unique!

The participants of this summer school will get an insight into several companies and learn about their successful methods at first hand. There are few cities more suitable for a program like this anywhere in the world: Munich is one of the leading economic, technological and scientific hubs in Germany. Many world-renowned companies from a wide range of industrial sectors are based here, including BMW, Siemens, MAN and Linde.

The reason for this concentration of companies might be the attractiveness of Munich to highly qualified and experienced professionals. In fact, Munich is named one of the most livable cities in the world in 2018. Numerous surveys and statistics regularly emphasize not only Munich's economic power, but also the variety of recreational opportunities, its excellent public transportation system and its exceptionally low crime rate.

In the first week of the summer school companies located in the Munich area will be visited. In the second week a 4-day bus tour will take us to different »champions« (leading companies in their business sector) in different parts of southern Germany. During the company visits the participants will have the opportunity to see selected levers for Operational Excellence at work, and will discuss company-specific topics with the managers in charge.



## Company Visits

- Munich locations may include BMW, MAN Truck and Bus, MTU Aero Engines, Audi or similar
- Tour locations may include Siemens, KUKA, ASM, Airbus Helicopters or similar

## Requirements

The summer school is a two-week-program intended for students who want to experience Supply Chain and Operational Management not only in theory but also in practice at world class companies. It is designed for advanced undergraduate and postgraduate students.

## Fees

The program fee of € 1.695 covers: tuition for all courses, company visits (incl. transfers) the official cultural and social program, free internet access at the university and a welcome package. Accommodation will require an additional € 700 – 1600 depending on the chosen category.

The application deadline is March 19<sup>th</sup>, 2023.



»What I liked best was the integration with industry, not only the theory in class. The visits to leading companies in the field of Supply Chain Management were my highlight.« Jordan, Canada

## Cultural Program

A broad and attractive cultural program makes your stay an unforgettable experience. The cultural program may include the following field trips:

- Guided tour of Munich
- Visit to a traditional Munich beer garden
- Evening venues in the second week according to the scheduled route in attractive places like Salzburg, Regensburg or Nuremberg

Meeting German students in and out of class provides unique insights into German everyday life. Joint studies with participants from all over the world complete an intercultural experience. The program will be complemented by receptions and get-togethers.

Please note that the events and company visits strongly depend on the Corona pandemic and the restrictions in place during the summer school period!

# Accommodation and Support

We guarantee professional assistance by the program coordinator and bilingual German buddies. The buddies will help you to settle in smoothly. They will also accompany the field trips, company visits and receptions. Free access to the internet will be provided by the university, as well as a welcome package including a Summer School shirt.

For the first week in Munich students can organize their housing individually or stay at a hotel booked by us in a quiet and safe neighbourhood in Munich. All amenities and shops are easy to reach.

During the company tour in the second week hotels will be booked for the students along the scheduled route in attractive places like Salzburg, Regensburg or Nuremberg.

»I chose this program because I wanted to see how German companies work in the field of Supply Chain. I was also looking for a cultural experience. This program combines academia, industry and cultural aspects so it was perfect for me.« Weridiana, Brazil



# Contact

## Contact

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## Post

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## Further information

[hm.edu/summerschool](http://hm.edu/summerschool)



The HM Hochschule München University of Applied Sciences is Bavaria's largest institute of higher education in this field. Over 80 attractive and forward-looking degree courses lay the foundation for successful careers. Besides specialist skills, the university promotes sustainable and entrepreneurial mindsets and actions, as well as international and intercultural experiences, such as through stays abroad.

The departments imbue their students with vision, creativeness and a sense of shared responsibility as an ideal preparation for making a difference in their chosen professions and within society. Close contacts to companies at the high-tech location of Munich allow students to obtain practical experience during their studies. And last but not least: Munich's attractive cultural and leisure opportunities offer plenty of variety.