

## High-Tech meets Sustainability



The art of paper manufacturing is as old as our calendar. Even in the age of the internet, paper is by far the most important information carrier, and it will remain so in the future. New paper machines are bigger, more expensive and even more complex than jumbo jets; they produce paper with a speed at 100 km/h, with a paper width of up to 10 meters and a thickness of only 0.1 mm.

Such a machine produces more paper in one minute than you would need to cover two football grounds. The paper industry is making an increasingly greater use of recycled paper as raw material.

World-wide, Germany is leading with a recycling rate of over 75%, and provides the paper industry all over the world with the technology required to produce high quality paper and cardboard from 100% recycled fibers.

## Contact and Information

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Instagram



# HM

Munich's University of Applied Sciences is Bavaria's largest university for applied sciences: Over 80 attractive and future-oriented degree programmes form the basis for a successful career. In addition to professional skills, the university promotes sustainable and entrepreneurial thinking and behaviour as well as international and intercultural experience, e.g. through international exchange programmes.

The departments prepare students to contribute to their professions and society with vision, creativity and a sense of responsibility. Close contacts with companies in the high-tech location of Munich ensure practical experience already during the studies. And don't forget: Munich's attractive cultural and leisure activities offer plenty of variety.



Hochschule  
München  
University of  
Applied Sciences

Department of  
Technical Systems,  
Processes and  
Communication

## Paper Technology

# H M M

## Master Programme – Paper Technology



The Master Paper Technology in Munich is a unique study course conducted entirely in English, attracting students from over ten different nations. As part of this international and capital-intensive sector, you will learn about the various aspects of paper and cardboard manufacturing while covering a wide range of industry-related topics.

Customize your learning experience by choosing from an array of elective subjects, with support from the industry and the Institute for Paper Technology (IVP).

Engage with up-to-date technology and equipment in well-resourced laboratories, creating an environment that fosters creativity and innovation. Create your own newspaper on a pilot paper machine, while developing your skills through hands-on laboratory work and research projects.

Expect small class sizes and a supportive academic atmosphere. Benefit from an excellent network of well-known companies in the industry and international partner universities.

The Master Paper Technology equips you for leadership roles within the global paper industry.

## Study Programme



**Degree:** Master of Engineering (M.Eng.)  
**Language of instruction:** English

**3 semesters for students with a degree in Paper Engineering** (or 6 semesters part-time, including Master Thesis)

- Chemical Engineering
- Minerals
- Intercultural Communication
- Scientific Writing
- Recycled Fibres
- Automation Fundamentals
- Fundamentals of Coating
- Coating and Barriers
- General Management
- Paper Chemistry
- Paper Machine Technology
- Automation and Digitalisation
- Design of Experiments and Statistics
- Circular Economy

- Master Thesis



**4 semesters study for students without a degree in Paper Engineering** (or 8 semesters part-time, including Master Thesis)

### In addition

- Paper Technology Fundamentals
- Stock Preparation
- Paper Physics
- Biofibers
- Practical Research Training

### Electives (may vary)

- Specialty Papers
- Tissue Papers
- Clothing
- Data Literacy and Industry 4.0
- Product Development
- Printing Technology
- Project Management
- Patent Law
- Innovation Management

## Job Prospects

First class job prospects are available for graduates of the Master programme. Graduates have very good chances of an interesting career in the world of paper and board.

The paper industry offers many opportunities in production, research and development, as well as in the engineering and supply industry. A Master in Paper Technology provides a wide range of possibilities including mill manager or member of the board of executives.

Those careers are not only reserved for men, as has been proven by a number of very successful female students in the past.

The paper industry is becoming increasingly global, thus favouring our highly international study at Munich University of Applied Sciences.



## Admission Criteria

### Consecutive Master

- Bachelor from a university, in a Paper Engineering course of study
- Proof of English language skills in speaking and writing (e.g. IELTS/TOEFL test)

### Post-graduate Master

- Bachelor from a university, Bachelor of Engineering or a Bachelor of Science degree
- 1 year work experience after degree
- Proof of English language skills in speaking and writing (e.g. IELTS/TOEFL test)

**Further conditions for admission may apply.**

### Costs

- Consecutive Master: Student Union fees and semester ticket fees
- Post-graduate Master: Tuition fees, Student Union fees and semester ticket fees (not including accommodation). Tuition fee can be paid on a semester basis. For details please see homepage.

### Important Dates

- The consecutive Master starts biannually, on March 15 and October 1, the post-graduate Master starts only in Winter semester, October 1
- For application period and details on the application process please see: <http://www.mpt.hm.edu/>
- Completed applications should be submitted as early as possible, in order to ensure a place in the programme.

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