

# INTERNATIONAL PROGRAMMES

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# Master's degree





# **MSc Management and Engineering (MME TIME)**

**RWTH Aachen University • Aachen** 







### Overview

Degree	Master of Science
In cooperation with	Cambridge Digital Innovation at Hughes Hall, University of Cambridge
Teaching language	• English
Languages	Courses are held in English (100%). Additional German courses are provided at no extra cost when studying on campus.
Full-time / part-time	• full-time
Mode of study	Hybrid
Programme duration	3 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	Our Master of Science in Management and Engineering in full time has a scope of three semesters and 90 CP.
	You can decide to attend the in-person sessions on campus or attend distance learning sessions for each of your modules. You just have to make your decision <b>before</b> each module starts.
	Full-Time On Campus
	You will study directly at our campus here in Aachen and concentrate full time on your studies. The standard period of study is three semesters.
	This is the right combination for you if you want to primarily concentrate on your studies and enjoy the experience of being a student in Aachen, Germany.
	Full-Time Distance Learning
	You will concentrate full time on your studies from anywhere in the world and come to Aachen once a semester (depending on your choice of modules). The standard period of study is three semesters.
	This is the right combination for you if you want to stay in your home with your friends and family

or maybe want to pursue an internship and therefore need the flexibility but still want to concentrate fully on your studies. Please note that – depending on your choice of modules – you will have to come to Aachen once a semester for two to three weeks for some modules or exams.

#### Application deadline

Application for the MME TIME is possible from 1 October 1 until 31 August for EU applicants and international applicants who hold an academic degree from a European university. For non-EU applicants, our application portal is open from 1 October until and including 1 March. There is no application fee.

Benefit from our early bird discount of 3,000 EUR by submitting your complete application by 15 January!

### Tuition fees per semester in FUR

10,000 EUR

### Additional information on tuition fees

30,000 EUR for the entire programme

# Combined Master's degree / PhD programme

No

### Joint degree / double degree programme

No

#### Description/content

The MME TIME course has a duration of three semesters and can be studied from anywhere in the world or from the campus in Aachen.

Designed for professionals with a STEM background (Science, Technology, Engineering, and Mathematics), the MSc Management and Engineering in Technology, Innovation, Marketing and Entrepreneurship – (MME TIME) provides you with the skills and tools needed to succeed in the digitised economy. The programme is offered by one of the leading integrated universities of technology in Europe, RWTH Aachen University, with more than 150 years of expertise in producing cutting-edge research and Cambridge Digital Innovation at Hughes Hall, University of Cambridge.

Over the course of the programme, you will acquire a profound management education in which you will learn how to successfully leverage and commercialise state-of-the-art technologies. On top of that, you will also learn the latest developments in digital and additive manufacturing, big data technologies, sustainable energy technologies, and much more.

Graduates of the programme will have a truly interdisciplinary mindset that is necessary for solving the great challenges of our time. Hence, the programme is ideally suited for professionals with a STEM background who want to apply for management positions in their next career steps but also wish to deepen their knowledge of state-of-the-art technologies — speaking the language of both management and technology.

### **Course Details**

#### Course organisation

This interdisciplinary Master's programme consists of about 30 excitingmanagement and engineering modules which allows students to follow their individual interests. By choosing a total of eight elective modules (four or five from Management and three or four from Technology), the MME TIME is designed to optimally sharpen its students' profile to reach their dream jobs in the international job market after successfully completing the programme. All our modules combine demanding cutting-edge research with practical projects and challenges.

#### Examples of management elective courses include:

Strategic Technology Management

- Entrepreneurial Finance and Venture Capital
- Managing the Innovation Process

#### Examples of technology elective courses include:

- Artificial Intelligence and Data Analytics for Engineers
- Machine Learning
- Industry 4.0

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A Diploma supplement will be issued	Yes
International elements	<ul> <li>Specialist literature in other languages</li> <li>Language training provided</li> <li>Study trips</li> <li>Courses are led with foreign partners</li> <li>International comparisons and thematic reference to the international context</li> <li>International guest lecturers</li> </ul>
Integrated internships	Cambridge Ecosystem Practicum (one week)
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	No

# Online learning

Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Phase(s) of attendance in Germany (applies to the entire programme)	Yes, compulsory
Types of online learning elements	<ul> <li>Flipped Classroom</li> <li>Online sessions</li> <li>Online study material provided by institution</li> <li>Video learning (Pre-recorded videos, Vlogs, Video-Podcasts)</li> </ul>

# **Costs / Funding**

Tuition fees per semester in EUR	10,000 EUR
Additional information on tuition fees	30,000 EUR for the entire programme

#### Semester contribution

All students at RWTH Aachen University are subject to the current semester fee of approx. 300 EUR per semester. It includes, among other benefits, a semester ticket covering public transport in the federal state of North Rhine-Westphalia.

#### Costs of living

A student's average monthly budget amounts to approx. 988 EUR. This includes rent, food, clothing, study material, health insurance, phone, Internet, and radio and television fees as well as expenses for leisure activities. It does not include the semester fee, which must be paid before each semester as part of re-registration. This means that further costs will be incurred at the beginning of the semester.

# Funding opportunities within the university

Yes

Description of the abovementioned funding opportunities within the university RWTH Business School offers various scholarships to support particularly suitable candidates. Information on our scholarships, the application process as well as external scholarship opportunities can be found on our website.

### Requirements / Registration

### Academic admission requirements

#### Work experience:

• At least one year of professional work experience

#### Academic requirements:

- A completed first degree: A Bachelor of Engineering or Bachelor of Science degree in STEM fields (science, technology, engineering, and mathematics)
- 16 CP in the fields of higher mathematics and statistics
- 125 CP in the fields of mathematics and natural science (e.g. in chemistry and/or physics), and/or computer science and/or engineering, which are defined in the examination regulations
- Basic knowledge in the fields of business administration (minimum 10 CP)
- Students who have acquired less credit points than required in the fields of technology or management have to take further modules to make up for the missing credit points (max. 30 CP)

#### Language requirements

Certified proof of your competence in the English language through the completion of one of the accepted examinations listed below:

- TOEFL Internet-based minimum of 90 points
- IELTS test, minimum overall band 5.5
- Cambridge Test Certificate in Advanced English (CAE)
- First Certificate in English (FCE), completed with a B
- Placement test of RWTH Aachen University's language centre (B2)

For German applicants: English on level B2 (can be proven by the "Abiturzeugnis")

# Technical equipment and programmes

- Personal computer
- Headset
- Internet access
- Moodle (RWTH learning platform)
- Zoom

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Submit application to

https://www.business-school.rwth-aachen.de/en/apply/

### **Services**

#### Possibility of finding parttime employment

International students may work in the private sector during the semester or in the semester break for up to three months without having obtained a work permit. Thus, students may work full time for 120 days or part time for 240 days. This regulation is also stated on the residence permit. During the semester, students are allowed to have jobs with working hours of up to 20 hours a week. Student assistants have more flexibility with regard to working hours.

#### Accommodation

The availability of university accommodation in Aachen is limited. Therefore, participation in individual allocation procedures is usually required. Because of the demand for university accommodation, it can be necessary to switch to the private accommodation market. Especially family and couples apartments are very high in demand, so that accommodation from the private market is seemingly mandatory. The majority of RWTH Aachen University's students are committed to the private accommodation market. There are a number of options for finding private accommodation in and around Aachen. Accommodation on the private market is priced between 290 EUR and 550 EUR per month, of course depending on the size and the number of rooms. For short-term accommodation, there are many hotels, a few youth hostels, and a boarding house located in and around Aachen (reservation is recommended).

RWTH International Academy and RWTH Business School provide some rooms for international students in a flat-sharing community.

#### Career advisory service

Our Career Service offers support in the form of advice, events, contacts, or our very own job portal. For instance, it gives students access to a broad network of business contacts and co-operation partners in all sectors of the economy – from start-ups to SMEs and global players – both nationally and internationally.

For more information, check out our website.

# Support for international students and doctoral candidates

- Accompanying programme
- Specialist counselling
- Visa matters
- Welcome event
- Buddy programme



©RWTH Business School
Channpreet Kaur
BEng

I did extensive research, and what this programme offers is truly unique. Technology, innovation, marketing and entrepreneurship rolled into one with a highly qualified faculty is a cocktail mix I would never trade for anything else.



RWTH Business School

– Study at the
Intersection of
Management and
Technology

Catch a glimpse of what it is like to study at RWTH Business School!

more: https://youtu.be/H\_tqeJLwUu8

# **RWTH Aachen University**



RWTH Business School's leitmotif, "The Technological Edge", stands for**unique graduate and executive education** that is made in Germany as well as for outstanding programmes at the intersection of management and technology. RWTH Business School provides management education for executives and young professionals and builds on the academic excellence of RWTH Aachen University and its School of Business and Economics. Located at the heart of Germany's leading university of technology, we offer programmes that focus on **developing technology leaders and entrepreneurs** who are able to leverage emerging technologies into viable and socially responsible business models.

#### **Key facts:**

- year founded: 2016 (first programmes offered in 2004)
- number of students: about 320
- percentage of international students: 75
- number of degree programmes: five (Executive MBA, Full-Time MBA, MME TIME, DDS, SMA)
- alumni: more than 500

number of staff: 15



### University location

One of the highlights of our Business School is its location on the RWTH Aachen campus. Research and teaching in Aachen are first and foremost application oriented and targeted at finding practical solutions to real-world challenges. Visible evidence of this is the RWTH Aachen campus, which is being developed in close cooperation with industry and will form one of the largest research parks in Europe.

The RWTH Aachen campus creates a unique symbiosis between the world of research and the world of businessOn the campus, interdisciplinary teams of researchers work closely with industry consortia in state-of-the-art buildings that have been explicitly designed and constructed for that purpose. The companies involved share resources with university institutes, exchange knowledge directly on site, and collaborate on innovations for the future. More than 280 companies are currently represented on the RWTH Aachen campus.

Research activities on the campus are structured into long-term clusters, with each cluster located in a different building. A total of 16 clusters are under development, the six initial clusters include the Bio-Medical Engineering cluster, the Sustainable Energy cluster, the Photonics cluster, the Production Engineering cluster, the Heavy-Duty Drives cluster and the Smart Logistics cluster.

The campus project at RWTH Aachen University expands the traditional sphere of pure academic research and provide**an ideal environment for innovation**. The university will therefore be able to face future global challenges on a much broader scale.

All central facilities and most classrooms of the RWTH Business School are located on the RWTH Aachen campus, allowing students to experience the exciting intersection of management and technology **first-hand and on a daily basis** 

#### **Contact**

#### **RWTH Aachen University**

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- Course website: https://www.business-school.rwth-aachen.de/en/master/management-engineering-in-technology-innovation-marketing-entrepreneurship-fulltime/
- f https://www.facebook.com/RWTHBSchool/
- in https://www.linkedin.com/company/rwthbusinessschool/
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- https://www.youtube.com/rwthbusinessschool

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### International Programmes in Germany - Database

www.daad.de/international-programmes www.daad.de/sommerkurse

#### Editor

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#### **GATE-Germany**

Consortium for International Higher Education Marketing www.gate-germany.de

#### Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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