



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Mechanical Engineering, MSc

Rhine-Waal University of Applied Sciences • Kleve



Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held entirely in English.
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	All applicants: 15 July for the following winter semester All applicants: 15 January for the following summer semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Are you interested in developing, producing or marketing sophisticated technological products, all while greatly improving your job prospects on the global market? Then our Master's programme Mechanical Engineering is for you.</p> <p>This Master's course of study gives you a second degree which greatly improves your career opportunities compared to only having a Bachelor's degree. You will be taught in-depth knowledge and methods for engineers in different positions, ranging from product development to production and distribution as well as customer service. Thus, you will be equipped with specialist skills that allow you to work independently and develop complex, optimal solutions. You will learn to utilise engineering methods and findings of the latest technology as well as to develop new methods. In seminars and lectures, you will experience exploratory learning and use many of the 30 modern laboratories of the Faculty of Technology and Bionics.</p> <p>Due to the methodical education, our graduates are qualified for careers in many industry sectors. Positions in research and development, production, marketing, distribution, and servicing of technical equipment could be possible future career paths, as well as management functions within industry, the public sector or even your own start-up.</p> <p>In addition to general mechanical engineering, you will be capable of finding a career in energy and environmental management, process engineering, electrical and electronic industry, the</p>

automotive sector, medical engineering, automation engineering and aerospace as well as in technical consulting and planning in special sectors. Furthermore, the Master's degree will qualify you for doctoral studies and increase your chances at landing a position in research and academia.

Course Details

Course organisation	<p>This Master's course gives you a flexible path of study, which allows you to specialise in areas where your talent and expertise shine. This leads to a robust profile of qualifications that will make you a sought-after candidate on the labour market.</p> <p>During your studies, you will choose between three different focus fields: digital engineering, development and design, and production. Depending on your focus field, you will specialise by attending classes tailored to your focus field (e.g. factory simulation for digital engineering, advanced CAD for development and design, production management for production). In the third semester, you will conduct an applied research project and write the final thesis.</p> <p>» PDF Download</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• Training in intercultural skills• Projects with partners in Germany and abroad
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Enrolment fees amount to approximately 320 EUR per semester. This covers nominal administrative fees and a public transport ticket valid for the entire federal state of North Rhine-Westphalia.
Costs of living	The average cost of living for students in Germany is around 870 EUR per month. This includes rent, utilities, personal expenses, and general expenses (https://www.study-in-germany.de/en/plan-your-stay/money-and-costs/cost-of-living_28220.php).
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	The university offers a limited number of merit-based scholarships ("Deutschlandstipendium") to both current students and students who are soon to be enrolled with excellent marks. This scholarship consists of a monthly stipend of 300 EUR and applies to international students as well. Further information is available on our website: https://www.hochschule-rhein-waal.de/en/academics/students/costs-scholarships-and-grants/scholarships-and-financial-aid

Requirements / Registration

Academic admission requirements

This Master's programme was designed for engineers in many different fields who would like to become experts in the field of mechanical engineering. Examples of these engineering fields include machine design, electrical engineering, mechatronics, industrial engineering and many more. The formal entry requirements for the Mechanical Engineering Master's programme are as follows:

- a completed BSc degree in a corresponding study programme with a German grade of 2.5 or better
- at least 210 ECTS points or, ideally, a total study time of seven full-time semesters (for Bachelor's graduates with less than 210 ECTS points, entry requirements can be secured by taking defined modules)
- proof of sufficient knowledge of the English language (see below)
- Applicants with qualifications obtained outside of the [European Higher Education Area](#) must additionally submit documentation of a valid [TestAS](#) certificate in the Core-Test and Engineering Module with a standard score of 100 or better. Alternatively, you can submit a Graduate Aptitude Test in Engineering (GATE) or a Graduate Record Examination (GRE, minimum score: Q = 160, V = 145, and A = 4.5).

Please find more information about the admission requirements on our website: <https://www.hochschule-rhein-waal.de/en/academics/prospective-students/current-application-period/masters-programmes>.

Language requirements

Please note that for this degree programme, English language skills at level C1 according to the Common European Framework of Reference are required. Please be aware that all applicants' test report form numbers will be checked. The following certificates are accepted:

- IELTS: level CEFR C1 or better
- TOEFL: level CEFR C1 or better

The TOEFL code of our university: 6962

Application deadline

All applicants: 15 July for the following winter semester
All applicants: 15 January for the following summer semester

Submit application to

Applications must be submitted online through uni-assist. Please do not submit any applications in hard copy. See our website for details: <http://www.hochschule-rhein-waal.de/en/academics/prospective-students>

Services

Possibility of finding part-time employment

Non-EU students can work up to 120 full days or 240 half days per year without requiring an additional visa. Student jobs within the university can be solely in English, but the vast majority of off-campus jobs will require at least basic proficiency in German. German courses are available for students through our International Center.

First-year students are strongly advised to focus primarily on their studies and to begin learning German. This will open up many more part-time job opportunities in later semesters.

Accommodation

Rhine-Waal University of Applied Sciences strongly urges you to arrange your accommodation before arrival. One option is accommodation at the residence halls run by student services ("Studierendenwerk Düsseldorf") with one-, two- or three-room flats and rent starting around 260

EUR per month (with a security deposit equivalent to three months' rent). Availability is limited, so register online as soon as possible. See our website for details.

Most students live in private flats shared with other students. There are a number of popular online portals for finding a flat in Germany. Contact the Welcome Centre for more information or look into social media platforms because some students might be graduating when you plan to start. Additionally, the Welcome Centre is always ready to offer advice or help with conversations or correspondence in German.

Career advisory service

Internship, student job or first steps in a new career – Rhine-Waal's Career Service is here to help with a broad range of useful services.

Correspondingly, we act as bridge builders between students and fresh graduates, the university and companies or organisations from industry, science, social sectors etc. Our overall goal is to "help others help themselves" by supporting capacity development in students and fresh graduates with respect to their individual career paths.

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Tutors
- Specialist counselling

- Rhine-Waal University of Applied Sciences -



Kleve Campus

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Rhine-Waal University of Applied Sciences, with two campus locations in Kleve and Kamp-Lintfort and over 6,700 students, is an innovative, interdisciplinary, and international university of applied sciences. The university currently offers 36 undergraduate and postgraduate degree programmes in engineering, the natural and social sciences, technology, design, and more. Our programmes are geared towards your employability, addressing current and future needs of industry by giving you valuable expertise and experience in your field of study. We are unique in that some 75% of our programmes are taught exclusively in English, resulting in a vibrant campus culture and a rich, intercultural exchange of ideas, experience, and knowledge.

Rhine-Waal University of Applied Sciences prides itself on top-notch teaching, excellent research, and a strong network of international partnerships with research institutions and industry. Our team of professors bring a fresh, dynamic approach to teaching and continuously support, encourage, guide, and inspire students. Professors are often on a first-name basis with their students. Teaching takes place in a range of cutting edge facilities, laboratories, work spaces, smart classrooms, and auditoriums.

The result is a memorable and valuable university experience, which will help you grow as a person and set you on the path to your chosen career. We look forward to welcoming you!



University location

Rhine-Waal University of Applied Sciences is centrally and conveniently located on the Lower Rhine between the Netherlands and the Rhine-Ruhr metropolis.

Kleve, where our main Campus is located, is a city rich in tradition and history, and it currently has 53,000 residents. It offers the best of both worlds: the bustle and excitement of nearby cities like Nijmegen, Düsseldorf, and Cologne with the safety, comfort, and ambience of a smaller town. The flat landscapes, mild climate, and good infrastructure of the Lower Rhine make it ideal for getting around by bicycle. Noteworthy sights include the Swan Castle, Baroque-style botanical gardens, museums, and art galleries. The town is home to large department stores and smaller boutiques, pubs, cafés, and more. Students can also participate in a range of sports offered both by the university and local clubs.

Kamp-Lintfort, our campus for the Faculty of Communication and Environment, has a current population of around 39,000 and is located 60 km (37 miles) south of Kleve. Kamp-Lintfort takes its name from a nearly 900-year-old monastery, maintained in its original style to this day. The city's proximity to the Rhine-Ruhr metropolis made it an integral part of post-WWII coal production in Germany. In recent years, Kamp-Lintfort has redefined itself as a hub of technology, innovation, and higher education. The Kamp-Lintfort campus is centrally and conveniently located in the centre of town. In addition to its historical sights, Kamp-Lintfort offers a welcoming and safe atmosphere for students with numerous shops, pubs, cafés, and sports.

Contact

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🌐 Course website: <https://www.hochschule-rhein-waal.de/en/faculties/technology-and-bionics/degree-programmes/mechanical-engineering-msc>

📘 <https://de-de.facebook.com/hochschulerheinwaal>

🐦 <https://twitter.com/hsrheinwaal>

🌐 <https://www.linkedin.com/school/rhine-waal-university>

📷 <https://www.instagram.com/hsrheinwaal/>

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Disclaimer

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