



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Bachelor's degree



Biomaterials Science, BSc

Rhine-Waal University of Applied Sciences • Kleve



Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held entirely in English.
Programme duration	7 semesters
Beginning	Winter semester
Application deadline	All applicants: 15 July for the following winter semester
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No
Description/content	<p>Crude oil, the most important raw material base of the past 100 years, will be less available in the future. Alternatives will soon become necessary, and this is where the Biomaterial Sciences come into play. Based on materials science, examples of developments, processes, and products of basic engineering materials will be presented in this degree course. In addition (and also in contrast to many other Biomaterial Sciences degree courses at other universities), the interface to biological systems is emphasised with courses on natural, biodegradable, and biocompatible materials as well as recycling and ecology aspects.</p> <p>Some parts of the curriculum are not directly related to materials science. These parts of the curriculum allow the student important insights in economic science, integrated management systems, and cross-cultural competence. The main application fields following graduation include the leisure industry, the environmental industry, the aerospace and automotive industries, medicine, and more. Successful graduates also qualify for the Bionics/Biomimetics graduate programme offered at Rhine-Waal University of Applied Sciences.</p>

Course Details

Course organisation

Altogether, the degree programme consists of seven semesters of full-time study. A solid grounding in science and engineering is imparted in the first three semesters. Following this, your knowledge will be enhanced in key specialist areas in the fourth and fifth semesters. During this time, students also choose elective courses to form a more robust and meaningful study profile. The sixth semester is dedicated to gathering practical work experience at a company or organisation in the biomaterials field. The seventh and last semester is for writing the thesis. Here, we also attach great importance to practical relevance and support collaborative theses with the private sector. Furthermore, necessary skills for writing a thesis are provided in intense block courses during the seventh semester. The study programme concludes with an oral presentation on the research findings in the thesis.

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A Diploma supplement will be issued

Yes

International elements

- Training in intercultural skills
- Study trips
- Projects with partners in Germany and abroad
- Content-related regional focus

Integrated internships

An eight-week internship has to be completed before the start of the fourth semester. You can also do this internship in your home country before applying to Rhine-Waal University of Applied Sciences. In the sixth semester, students can either spend a semester abroad or complete an internship (in Germany or abroad). We provide support in selecting the partner institutions as well as in raising funds.

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->

Requirements / Registration

Academic admission requirements	<p>Rhine-Waal University of Applied Sciences welcomes applicants from all countries.</p> <p>Please see our website for general admission requirements: https://www.hochschule-rhein-waal.de/en/academics/prospective-students/current-application-period/bachelors-programmes.</p>
Language requirements	<p>Please note that English language skills at level B2 according to the Common European Framework of Reference are required for our Bachelor's degree programmes. Please be aware that all applicants' test report form numbers will be checked. The following certificates are accepted:</p> <ul style="list-style-type: none">• IELTS: level CEFR B2 or better• TOEFL: level CEFR B2 or better <p>The TOEFL code of our university: 6962</p>
Application deadline	<p>All applicants: 15 July for the following winter semester</p>
Submit application to	<p>Applications must be submitted online through uni-assist. Please do not submit any applications in hard copy. See our website for details: https://www.hochschule-rhein-waal.de/en/academics/prospective-students.</p>

Services

Possibility of finding part-time employment	<p>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.</p> <p>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.</p>
Accommodation	<p>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.</p> <p>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.</p>
Career advisory service	<p>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.</p>

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/biomaterials-science-bsc>

📘 <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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International Programmes in Germany - Database

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Disclaimer

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