



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## Bioengineering BSc

Rhine-Waal University of Applied Sciences • Kleve



## Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
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>Bioengineering is an interdisciplinary field where new materials and technologies with a wide variety of applications are developed with the help of both the natural sciences and engineering. Historical examples of early biotechnologies include cheese, wine and bread. Modern examples, however, involve engineering at the molecular-biological level to produce substances used in detergents and cosmetics, active pharmaceutical ingredients and medicines, raw chemical materials for industrial manufacturing, biofuels and even new varieties of plant species. The <b>Bioengineering BSc</b> programme is taught in English, and began in the winter semester 2012/2013 in Kleve. It has since achieved international recognition, particularly among students: over 60 countries are represented by the students currently pursuing their degree in this programme.</p> <p>The <b>Bioengineering BSc</b> programme prepares <a href="#">graduates</a> for a variety of career paths in different sectors within the chemical, pharmaceutical or biotechnological industries as well as for careers in research. Bioengineers are typically found in government agencies, agrotechnology, the food industry, the environmental industry or in waste management. Depending on your branch and specialisation, you can look forward to many interesting roles and activities: managing industrial production processes, contributing to R&amp;D of new chemical production processes, or performing analyses and evaluating the findings.</p>

## Course Details

Course organisation	<p>The <b>Bioengineering BSc</b> programme has a very pronounced focus in the natural sciences. The curriculum introduces a tight intermeshing of biology and chemistry with engineering and technology from the first semester onwards. Your studies will focus on the three main areas, or colours, of biotechnology: health and medicine (red), agriculture (green) and industry (white). Through your choice of electives, you can also add additional emphasis in plant biotechnology and industrial biotechnology. The broad scope of your studies is complemented by small group work and modern laboratories for teaching and research.</p> <p><a href="#">» PDF Download</a></p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"><li>• Integrated study abroad unit(s)</li><li>• Language training provided</li><li>• Projects with partners in Germany and abroad</li></ul>
Integrated study abroad unit(s)	In the sixth semester, students must complete either a semester abroad or an internship of at least 20 weeks (in Germany or abroad). We provide support in selecting partner universities and institutions as well as in raising funds.
Integrated internships	In the sixth semester, students must complete either a semester abroad or an internship of at least 20 weeks (in Germany or abroad). We provide support in selecting partner universities and institutions as well as in raising funds.
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	Yes

## 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 ( <a href="https://www.study-in-germany.de/en/plan-your-stay/money-and-costs/cost-of-living_28220.php">https://www.study-in-germany.de/en/plan-your-stay/money-and-costs/cost-of-living_28220.php</a> ).
Funding opportunities within the university	Yes
Description of the above-mentioned funding	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

## Requirements / Registration

### Academic admission requirements

The Rhine-Waal University of Applied Sciences welcomes applications from nationals of all countries.

Eight weeks of the required internship must be completed before enrolment. For further information concerning the subject area please go to: <https://www.hochschule-rhein-waal.de/en/page/preparatory-internship>.

Please check the general admission requirements on our website: <https://www.hochschule-rhein-waal.de/en/academics/prospective-students/current-application-period/bachelors-programmes>.

### Language requirements

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:

- IELTS: level CEFR B2 or better
- TOEFL: level CEFR B2 or better

The TOEFL code of our university: 6962

### Application deadline

All applicants: 15 July for the following winter 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 – the Career Service of Rhine-Waal University of Applied Sciences 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
- Tutors
- Specialist counselling



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**Andreas Obers**  
PhD Student

The student life was fantastic. I enjoyed my time a lot because the programme was rather small and the connections among students and also to professors were very close. These connections led to long-term friendships with both students and professors.

– 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/life-sciences/degree-programmes/bioengineering-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

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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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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