



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Bachelor's degree	2
 Bachelor of Engineering in Medical Engineering • FH Aachen University of Applied Sciences • Jülich 2	

Bachelor's degree



Bachelor of Engineering in Medical Engineering

FH Aachen University of Applied Sciences • Jülich

Overview

Degree	Bachelor of Engineering in Medical Engineering
Course location	Jülich
Teaching language	<ul style="list-style-type: none">German
Languages	The course of study is conducted in German. A technical German course is required for international students during the first two semesters.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	6 semesters
Beginning	Winter semester
Application deadline	15 July for international applicants (only through uni-assist) See https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education for more information. 31 August for applicants with a German "Abitur" or "Fachhochschulreife"
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No
Description/content	<p>The degree programme has a strong focus on applied engineering with practical experience.</p> <p>The goal of the Bachelor of Medical Engineering programme is to transfer knowledge from the fields of science and research into clear, technical concepts. Subjects taught include:</p> <ul style="list-style-type: none">Cell-BiophysicsBiomechanics and BiomaterialsChemical Sensors and BiosensorsCardiovascular EngineeringMedical PhysicsMedical Informatics <p>Our modern, well-equipped labs play a major role in ensuring that students are later able to apply their knowledge to their chosen careers. Advanced students plan projects together, work towards a common goal, and then present the results in a written report as well as to the class.</p>

Students can complete their Bachelor's projects in industry or at the nearby Jülich Research Centre (<http://www.fz-juelich.de>) as well as in the university labs.

Some students choose to continue in a Master's programme, such as our Master of Science in Medical Engineering or another Master's programme offered at our university or another institution.

More details about the programme are available on our website <https://www.fh-aachen.de/en/studium/studiengaenge/medical-engineering-aos-beng>.

Course Details

Course organisation	During the first three semesters, students focus on basic sciences and engineering courses. Starting in the fourth semester, students focus on their specialisation. In the sixth semester, each student conducts the research for a practical project in addition to the Bachelor's thesis.
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• Language training provided
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Currently approx. 320 EUR per semester
Costs of living	Approx. 934 EUR per month, including mandatory health insurance The semester ticket (included in the student activity fee) includes free use of public transport in the German state of North Rhine-Westphalia.
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	German entrance qualification for universities of applied sciences or equivalent (http://anabin.kmk.org)
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Many international students do not fulfil these requirements, but can qualify through the "Freshman Year" (<https://www.fh-aachen.de/en/studies/getting-informed/freshman-program-studienkolleg>).

Language requirements	Applicants must provide proof of their German language proficiency at the B2 level of the Common European Framework of Reference for Languages.
Application deadline	15 July for international applicants (only through uni-assist) See https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education for more information. 31 August for applicants with a German "Abitur" or "Fachhochschulreife"
Submit application to	https://hi.fh-aachen.de

Services

Possibility of finding part-time employment	Applicants should not count on financing their stay in Jülich or Aachen by working part-time during their studies. However, some students are successful in finding part-time jobs either at the university or elsewhere.
Accommodation	Some students live in student dormitories. Other students generally live in shared apartments in which each student has his or her own room. Living areas, bathrooms, and cooking facilities are shared. Furnished rooms start at about 300 EUR per month, plus about 75 EUR per month for electricity, water, and heating. Most rooms require the first month's rent and a security deposit of one to three months' rent in advance before you can move into the room. If the room is in good condition when you move out, your security deposit will be returned. International students can place their names on a waiting list for the student dormitories.
Career advisory service	https://www.fh-aachen.de/hochschule/career-service/
Support for international students and doctoral candidates	<ul style="list-style-type: none">• Welcome event• Specialist counselling

Contact

FH Aachen University of Applied Sciences

Student Service Center

Bayernallee 11
52066 Aachen

✉ ssc@fh-aachen.de

🌐 Course website: <https://www.fh-aachen.de/studium/studiengaenge/medical-engineering-aos-beng>

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International Programmes in Germany - Database

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

Editor

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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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