



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## Bachelor of Science in Applied Chemistry

FH Aachen University of Applied Sciences • Jülich

### Overview

Degree	Bachelor of Science in Applied Chemistry
Teaching language	<ul style="list-style-type: none"><li>German</li></ul>
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"><li>full-time</li></ul>
Programme duration	6 semesters
Beginning	Winter semester
Application deadline	15 July for international applicants (only through uni-assist) See <a href="https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education">https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education</a> 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 chemistry, with an emphasis on sustainability and practical experience.</p> <p>All students receive an in-depth, comprehensive education in all the important areas of modern chemistry. In addition to the basics of inorganic, organic, physical, and technical chemistry and analytical methods, students learn about nuclear chemistry as well as polymer and plastics technology. After completing their basic studies in the first three semesters, students have the option of focusing their interests in sustainable chemistry or food chemistry and biochemistry.</p> <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> <p>Students can complete their Bachelor's projects in industry or at the nearby Jülich Research Centre (<a href="http://www.fz-juelich.de">http://www.fz-juelich.de</a>) as well as in the university labs.</p> <p>Some students choose to continue in a Master's programme, such as our European Master of Science in Nuclear Applications, our Master of Science in Applied Polymer Sciences, or another</p>

Master's programme offered here or at another university.

More details about the programme are available on our website <https://www.fh-aachen.de/en/studies/degree-programmes/applied-chemistry-bsc>.

## 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 href="#">» PDF Download</a>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"><li>• Language training provided</li></ul>
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 ( <a href="http://anabin.kmk.org">http://anabin.kmk.org</a> )  Many international students do not fulfil these requirements, but can qualify through the "Freshman Year" ( <a href="http://www.fh-aachen.de/en/university/freshman/">http://www.fh-aachen.de/en/university/freshman/</a> ).
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<b>Language requirements</b>	Applicants must provide proof of their German language proficiency at the B2 level of the Common European Framework of Reference for Languages.
<b>Application deadline</b>	15 July for international applicants (only through uni-assist) See <a href="https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education">https://www.fh-aachen.de/en/studies/applying/international-applicants/applicants-with-foreign-proofs-of-education</a> for more information.  31 August for applicants with a German "Abitur" or "Fachhochschulreife"
<b>Submit application to</b>	<a href="https://hi.fh-aachen.de">https://hi.fh-aachen.de</a>

## Services

<b>Possibility of finding part-time employment</b>	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.
<b>Accommodation</b>	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.
<b>Career advisory service</b>	<a href="https://www.fh-aachen.de/hochschule/career-service/">https://www.fh-aachen.de/hochschule/career-service/</a>
<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"> <li>• Welcome event</li> <li>• Specialist counselling</li> </ul>

## Contact

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🌐 Course website: <https://www.fh-aachen.de/en/studies/degree-programmes/applied-chemistry-bsc>

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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)

## Editor

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German Academic Exchange Service

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## GATE-Germany

Consortium for International Higher Education Marketing

[www.gate-germany.de](http://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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