



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Bioanalytical Chemistry & Pharmaceutical Analysis (MSc)

Hochschule Fresenius - University of Applied Sciences • Idstein

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	All courses are held in English.
Full-time / part-time	<ul style="list-style-type: none">full-timepart-time (study alongside work)
Programme duration	2 semesters, 3 semesters
Beginning	Winter semester
Application deadline	Application possible all year round
Tuition fees per semester in EUR	4,500 EUR
Additional information on tuition fees	<p>The costs for the full-time programme are 750 EUR per month.</p> <p>The costs for the part-time programme are 550 EUR per month.</p> <p>Please note: Tuition fees for non-EU national may vary.</p> <p>Use this link to request information.</p>
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The study programme focuses on various analytical methods and examines which methods are best suited for specific tasks. The student will also learn about legal requirements and quality assurance.</p> <p>Analytical science is becoming increasingly significant. Fast and precise analytical methods are more important than ever in research, quality control, and production monitoring. It is therefore all the more astonishing that so few study programmes in Europe offer this as a major.</p> <p>As well as studying analytical methods, you will learn about the key legal requirements that play a</p>

major role in the development, registration, production, and distribution of medicinal products. We will also spend plenty of time on quality assurance – precision is key for analytical methods, requiring a keen awareness of quality. Fascinating lectures will also provide insights into the world of proteins, nucleic acids, and polysaccharides and their importance in physiological processes.

At Hochschule Fresenius University of Applied Sciences in Idstein, you can study Bioanalytical Chemistry and Pharmaceutical Analysis (MSc) in just two (full-time) semesters. Gain professional knowledge of modern analytical methods and the correct classification of the results these methods deliver. This internationally focused programme is taught entirely in English.

Course Details

Course organisation	<p>This course can be studied on a full-time or part-time basis. The regular study time of the full-time programme is two semesters. The regular study time of the part-time programme is three semesters.</p> <p>We offer practical teaching by lecturers who have professional experience in the chemical and pharmaceutical industry and know the needs of the market. This Master's study programme has a strong focus on application, and you will spend a great deal of time in our state-of-the-art laboratories. The programme has an international feel from the outset. All content is taught in English, providing you with yet another advantage.</p> <p>Our personal learning atmosphere, with small study groups and individual supervision by our experienced lecturers, will prove extremely beneficial. The programme is structured to accommodate your needs. The first semester will be spent attending lectures and applying your specialist knowledge in the laboratory. In the second semester, you will concentrate solely on your Master's thesis. If you wish, you can also write your thesis abroad – we have contacts around the world and will be happy to help.</p>
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	4,500 EUR
Additional information on tuition fees	<p>The costs for the full-time programme are 750 EUR per month.</p> <p>The costs for the part-time programme are 550 EUR per month.</p> <p>Please note: Tuition fees for non-EU national may vary.</p> <p>Use this link to request information.</p>
Semester contribution	Included in the tuition fees
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements

Successful completion of an undergraduate degree (Bachelor's/honours degree or equivalent) of at least 240 ECTS credits in one of the following fields: Analytics, Chemistry, Pharmacy, Physics, Biology

Language requirements

If English is not the student's native language, the results of one of the following language tests must be provided:

- TOEFL computer-based or internet-based test: 85 points
- IELTS: minimum of 6.0 points
- Cambridge Certificate of Advanced English: grade "B"

Application deadline

Application possible all year round

Submit application to

Submit your application [here](#).

Services

Possibility of finding part-time employment

In general, EU citizens are not subject to any limitations for employment in Germany and are treated legally as German citizens.

Non-EU nationals are subject to employment regulations according to the individual country and should consult their local German Embassy for detailed information.

Accommodation

Hochschule Fresenius University of Applied Sciences offers support to students seeking accommodation. There is a platform on the website that announces private accommodation vacancies. The Central Administration Office also distributes current lists of available flats and contacts new providers of accommodation.

For more information on housing, please visit our comprehensive [support guide](#).

Career advisory service

Request further information [here](#).

Support for international students and doctoral candidates

- Welcome event
- Buddy programme

Study in Germany – Hochschule Fresenius University of Applied Sciences

We are Hochschule Fresenius University of Applied Sciences. Since 1848, we have been training the next generation of specialists and managers. Our Bachelor's or Master's degree programmes, professional training, advanced education, or the completion of various certificate programmes will help you achieve your professional career dreams.

» more:
https://www.youtube.com/watch?v=YDYTA2Hk_sE

Hochschule Fresenius - University of Applied Sciences

Hochschule Fresenius University of Applied Sciences, with its parent house in Idstein, looks back on a scientific tradition of more than 165 years. Founded as a school of chemistry in 1848, it gained recognition as a state-approved, private university of applied sciences in 1971. This makes it the oldest educational chemistry institute of its kind. True to the intent of its founder, it combines teaching, research, and practical application. The name Fresenius stands for practically oriented teaching, closely linked to applied research and development. This holds true for the traditional Faculty of Chemistry and Biology, the Faculties of Health and Social Affairs, and of Economics and Media, both established in 1997/98, and also for the new Faculty of Design, which was integrated in 2013. Today, the university offers full-time and vocational Bachelor's and Master's programmes as well as vocational training and further education at its faculties at its main campus in Idstein as well as in Cologne, Hamburg, Munich, Düsseldorf, Frankfurt, Zwickau, Berlin and New York.

On this basis, and in coordination with professional partners as well as in communication with associations, alumni and students, Hochschule Fresenius University of Applied Sciences has continuously evolved its range of courses and its strategic direction. In doing so, it pursues the goals of sustainability and innovation in equal measure, true to the motto of Hochschule Fresenius University of Applied Sciences: "Teaching and research with practical relevance, bringing an international environment to life, challenging and supporting our students!"

Further information for our international students can be found [here](#).



University location

Idstein is very centrally located in the Rhine-Main metropolitan area, allowing quick access (20-45 minutes) to major towns and cities in the area, including Wiesbaden, Mainz, and Frankfurt.

The name Idstein first appeared in 1102. In the 13th century, Idstein became the main castle of the Counts of Nassau (one of them was King of the German Nation), and the town grew around the castle. Numerous picturesque, historic buildings bear witness to the town's past. Especially impressive are the dungeon of the old castle (Witches' Tower), the baroque residence castle (today Idstein's grammar school), the historic town hall, and the complete ensemble of half-timbered buildings in the old town.

Contact

Hochschule Fresenius - University of Applied Sciences

Study Advice

65510 Idstein

Tel. +49 22165033988

✉ study@hs-fresenius.de

🌐 Course website: <https://www.hs-fresenius.com/study-programs/bioanalytical-chemistry-and-pharmaceutical-analysis-master/?crmid=bBcTjNcDaBaCm>

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International Programmes in Germany - Database

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

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DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

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