Relevant Additional Information

Tuition fee: None
Fee for lab course consumables: 250.00 € / year are requested cover expenses of lab courses
Semester fee: about 220 Euro

The scholarship Deutschlandstipendium offered by Halle University is available for international students also. Please check its conditions and application online. Furthermore, the German Academic Exchange Service DAAD (www.daad.de) offers scholarships especially for master students. Make sure to apply for a scholarship before entering Germany.

Language courses: We deeply recommend to attend an intensive German language course before you start the master’s programme. So it will be easier to manage your daily life in Germany. Please contact Goethe Institute in your home country or the Institute for German Language and Culture at our University (www.sprache.uni-halle.de). During your studies we organize further language classes which have to be paid by yourselves.

Further information about accommodation, health insurance or cost of living are available at www.uni-halle.de/first-steps.

About Halle

About Halle and the University

With a population of almost 240,000, Halle is one of the largest cities in Central Germany. The small metropolis on the Saale river offers a versatile mixture of art, culture, gastronomy and recreation. Numerous national institutions are also headquartered in Halle. The Leipzig-Halle international airport is only 15 minutes away by train or car. It takes just over an hour to get to Berlin.

Martin Luther University Halle-Wittenberg, founded in 1502, is one of the oldest universities in Germany and, with around 20,000 students, the largest in the federal state of Saxony-Anhalt. We rely on modern laboratory equipment as well as extensive support of our students by many professors and employees. With more than 260 programmes on offer in different areas of study, there is a suitable subject for everyone.

General student guidance

E-Mail: ssc@uni-halle.de
Phone: +49 345 55-21306, 21322, 21327, 21308
Office hours: mo - thu 10 am - 4 pm, fr 10 am - 1 pm
Location: Studierenden-Service-Center (SSC), Universitätsplatz 11 → Löwengebäude, 06108 Halle (Saale), Germany

International students section

Kati Gaudig
E-Mail: kati.gaudig@verwaltung.uni-halle.de
Location: Studierenden-Service-Center (SSC), Universitätsplatz 11 → Löwengebäude, 06108 Halle (Saale), Germany
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06099 Halle (Saale), Germany

Further information about accommodation, health insurance or cost of living are available at www.uni-halle.de/first-steps.

Publisher’s note

Published by the general student guidance of Martin-Luther-Universität Halle-Wittenberg. The content is provided by the programme advisor. This flyer is for informational purposes only. The information contained is not legally binding.
The master’s programme Pharmaceutical and Industrial Biotechnology is specifically designed for degree holders in (bio-) chemistry, biology, biotechnology, biochemical engineering and pharmacy to carry out scientific work and critical evaluation of scientific results in a responsible and independent manner. Students will also have the opportunity to learn a range of methodologies and modern laboratory techniques. The graduate master’s degree is internationally recognized.

Career opportunities

The course qualifies for positions in industrial and pharmaceutical biotechnology and related fields:

→ Research and development
→ Production
→ Teaching
→ Management, administration and quality assessment
→ Counseling, sales and marketing

The course also qualifies for PhD positions.

Admission requirements

Academic / Other Requirements

Diploma or Bachelor’s Degree in (Bio-) Chemistry, Biology, Biotechnology, (Biochemical) Engineering, Pharmacy (Staatsexamen)

Language Requirements

TOEFL IBT (at least 90/120), TOEFL CBT (235/300), TOEFL PBT (580 / 677), IELTS (at least band 6.5) or UNICert II (writing and speaking) for applicants whose native language is not English.

You might apply with a previous graduation certificate, respectively your last semester’s transcripts. The final graduation certificate should be handed in with the enrolment at universi-

Application

The admission to Pharmaceutical and Industrial Biotechnology 120 CP is currently limited by numerus clausus (Uni-NC).

→ Applicants who obtained their master’s qualification in Germany must apply via www.uni-halle.de/bewerben until July 15.
→ Applicants who obtained their master’s qualification abroad must apply via www.uni-assist.de/en until March 31. (The decision on acceptance will be made by the board of examiners until May 31.)

Halle University evaluates the numerus clausus of its study programme on an annual basis. Please check www.uni-halle.de/studienangebot around May to see if the quota for your programme of choice has been lifted or maintained.

Make sure that your application is complete!

Please provide your email address and check your mailbox regularly to receive further information. Now you have to pass a selection procedure. You will be informed about your admission status.

Modules

The 2 years master’s course (120 credit points, ECTS) covers all aspects relevant for the research and development of up-to-date biotechnology based products. The curriculum is organized in a way that students are able to graduate the programme within the regular duration of 4 semesters.

The content, learning objectives, workload, requirements and prerequisites of specific modules are listed in the module catalogue as well as the study and examination regulations (in German only).

Programme at a glance

Pharmaceutical and Industrial Biotechnology (40 CP)

Field of specialization: Pharmaceutical Biotechnology (40 CP)

→ Drug target identification and -validation

Field of specialization: Industrial Biotechnology (40 CP)

→ Introduction to Chemical Biotechnology

→ Agro- and economical aspects of biotechnology

→ Pretreatment and Thermochemical Processes

→ Systems and Synthetic Biology

→ Applied Biocatalysis

Mandatory for both fields of specialization (40 CP)

→ Introduction to pharmaceutical and industrial biotechnology

→ Construction of production organisms: Hosts and vectors

→ Introduction to Bioprocess technology (Upstream Processing)

→ Optimization of bioprocesses

→ Purification of products from biotechnological processes (Downstream Processing)

→ Analytical Methods

→ Project work

→ Master Thesis

For detailed information, e.g. curriculum, course contents etc. please see our website http://downstream.pharmazie.uni-halle.de/pharma_industrial_biotech_msc/