



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Process Safety and Environmental Engineering (PSEE)

Otto von Guericke University Magdeburg • Magdeburg

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English. Some electives may be taken in German, if desired. Participants may choose to write their Master's theses in either language.
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	Winter semester: 15 July (for international applicants) Summer semester: 15 January (for international applicants)
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The economical usage of energy resources, safe production and handling of materials, and the protection of the environment are gaining importance worldwide. Safety and environmental protection are indispensable elements of any industrial activity. The Master's programme Process Safety and Environmental Engineering educates experts for industry as well as for authorities, research organisations, and higher education. Graduates from the programme are versed in the natural scientific fundamentals of technical processes, especially those related to safety and environment. Graduates think and act holistically in the assessment of safety and environmental concerns as well as in the prevention and mitigation of these concerns.

Course Details

Course organisation	Core modules on the topics of engineering fundamentals, chemical reaction engineering, hazardous properties of materials, technical risk and risk assessment, environmental engineering, and process safety provide students from different countries and backgrounds with a fundamental understanding of process safety and environmental engineering. Each student creates his or her own study programme with elective courses from the module catalogue. In the third and final semester, the completion of a Master's thesis further deepens the student's expertise in a topic of
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choice and demonstrates that the student is qualified to work independently on academic topics.

Please note that although the suggested study time is three semesters, most students take an additional one or two semesters to complete the programme. The extra time offers students extra flexibility to attend optional language courses and take other electives.

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A Diploma supplement will be issued	Yes
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Currently, the semester fee is 155.20 EUR. It covers services offered by the "Studentenwerk" (student union) and the student representatives. Enrolled students receive a semester ticket for free use of public transport, student discounts in the campus cafeteria, etc.
Costs of living	A minimum of 861 EUR per month must be budgeted for accommodation, cost of living, health insurance, books, and miscellaneous expenses. In comparison with many other towns and cities, the rental prices in Magdeburg are still relatively low. There are no tuition fees for the majority of programmes, and the semester fee already includes the cost of bus and tram travel within Magdeburg. The following link provides a fair picture of the cost of living in Magdeburg: Finance .
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	The university provides a limited number of excellence scholarships. Eligible candidates are students in advanced semesters who clearly show above-average results. Scholarships cannot be granted to new students.

Requirements / Registration

Academic admission requirements	<p>Applicants must have obtained a Bachelor's degree (210 credit points, EQF 6) in:</p> <ul style="list-style-type: none">• chemical engineering• process engineering• energy engineering <p>or a related field. Other engineering degrees will not be accepted unless courses in chemical engineering have been taken.</p>
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Language requirements	<p>Adequate English language skills must be demonstrated through:</p> <ul style="list-style-type: none"> • TOEFL test (550 paper-based, 213 computer-based, or 80 Internet-based) • Cambridge Certificate of Proficiency in English (CPE), minimum score: C • Cambridge Certificate of Advanced English (CAE), minimum score: B • IELTS, overall band score 6.0
Application deadline	<p>Winter semester: 15 July (for international applicants) Summer semester: 15 January (for international applicants)</p>
Submit application to	<p>Otto-von-Guericke-Universität Magdeburg c/o uni-assist e.V. 11507 Berlin Germany</p> <p>www.uni-assist.de</p>

Services

Possibility of finding part-time employment	<p>It is possible to find a part-time job as a research or student assistant at one of the faculties or in the university administration (maximum: 80 hours per month). Other opportunities are student jobs at different companies, restaurants, and shops. Information on how to find a job can be found on our website: Career Service.</p>
Accommodation	<p>The "Studentenwerk" (student union) in Magdeburg manages the on-campus halls of residence (mostly one- to four-room apartments). Currently, the monthly rent ranges from 200 to 370 EUR per room (approx. 12 to 35 square meters), depending on the size and furnishing. Rooms in the halls of residence are limited in number. The accommodation application can be found on the website of the Studentenwerk.</p> <p>The Studentenwerk assists all new students in finding adequate accommodation, either on or off campus. Private accommodation is available on the Magdeburg accommodation market. However, fully furnished units are in somewhat short supply.</p>
Career advisory service	<p>The Career Service of the Otto von Guericke University Magdeburg is the central contact point for questions about career entry and students' careers during and after their studies. The Career Service offers personal consultations and workshops to assist students with developing application strategies, checking application documents, and supporting students in pursuing successful careers.</p>

Contact

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📘 <http://www.facebook.com/OVGU.Magdeburg>

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🌐 <https://www.linkedin.com/school/otto-von-guericke-university-magdeburg/>

📷 http://www.instagram.com/uni_magdeburg

📺 <https://www.youtube.com/channel/UCX7sej01ntgujN3NilAUkUw>

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International Programmes in Germany - Database

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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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