



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Bachelor's degree



Electrical Engineering – Power Engineering & Renewable Energies

Hochschule Mannheim - University of Applied Sciences • Mannheim



Overview

Degree	Bachelor of Science in Electrical Engineering
Teaching language	<ul style="list-style-type: none">• English• German
Languages	The language of instruction is English for the first year. Classes take place in German from the third semester onwards. Studies start beginning of September before the first semester with a three-week language, culture and orientation programme. In the following semesters, language instruction is an integral part of the degree programme. In addition, all-day language classes in three-week sessions take place during the semester breaks.
Programme duration	7 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	This international programme always starts directly at the beginning of September with a welcome meeting and a German placement test to establish the right German language course level for each student. You will start with a mandatory three-week German culture and language preparatory course in the first three weeks of September before the first lectures begin.
Application deadline	<p>The application portal opens in early April for the 2025/26 winter semester.</p> <p>Application deadline: 31 July Start of courses: 1 September (No summer intake)</p> <p>Recommended application timeline: 15 May at the latest for international applicants (for visa reasons) 15 July at the latest for EU applicants and those not living in the Mannheim area yet (for student housing reasons)</p> <p>Updated application information and all details about applying can be found at https://www.ete.hs-mannheim.de/bachelor/apply.html.</p> <p>For questions, contact apply.eeb@elektrotechnik.hs-mannheim.de.</p>
Tuition fees per semester in EUR	1,500 EUR

Additional information on tuition fees

International students who are citizen of an EU or EEA country don't have to pay tuition fees.

Non-EU students need to pay tuition fees of currently 1,500 EUR per semester. Upon request, students may be exempted from tuition fees. Details can be found at <https://www.ete.hs-mannheim.de/study-organization/tuition-fees.html>.

Joint degree / double degree programme

No

Description/content

Power Engineering and Renewable Energies are important key pillars of our country. Nothing works without energy! Renewable energies are vital, especially facing climate change. The power generation has to be managed with renewable energies. The transfer, distribution and invoicing is simplified with new technologies and structures, called smart grids. Applications like e-mobility have to be integrated. Every part has to be represented in a network via the Internet.

Female and male engineers with an electrotechnical background are members of one of the most popular professional groups in Germany. Salaries and future career opportunities could not be better currently.

Our students will participate in a multilateral course of studies. This programme gathers the fields electrical engineering, computer science, power engineering and e-mobility. The course of study combines small study groups, individual support, intensive practical orientation and close contacts to the regional industry.

Course details and the course structure can be found at <https://www.ete.hs-mannheim.de/electricalengineering-energy/description.html>.

Course Details

Course organisation

The first year is conducted in English (foundation courses) and includes intensive language courses in German. The second year is conducted in German. Check details regarding our **German language training** at <https://www.ete.hs-mannheim.de/study/language-training.html>.

Students spend their fifth semester at the **industrial work placement** (organised in one of the many companies in the Mannheim area or abroad). The final year is conducted in German, including the final project (thesis).

Guidance and counselling is provided by mentors, and support services are provided by tutors. There is a modular organisation of the course programme.

» [PDF Download](#)

A Diploma supplement will be issued

Yes

International elements

- Language training provided
- Projects with partners in Germany and abroad
- Content-related regional focus

Integrated internships

The fifth semester is set aside for a six-month work placement (internship) in industry. The industrial placement has to last at least 100 working days.

Course-specific, integrated German language courses

Yes

Course-specific, integrated English language courses	No
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Costs / Funding

Tuition fees per semester in EUR	1,500 EUR
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Additional information on tuition fees	International students who are citizen of an EU or EEA country don't have to pay tuition fees. Non-EU students need to pay tuition fees of currently 1,500 EUR per semester. Upon request, students may be exempted from tuition fees. Details can be found at https://www.ete.hs-mannheim.de/study-organization/tuition-fees.html .
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Semester contribution	Currently 202.85 EUR per semester
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Costs of living	Approx. 700 to 800 EUR per month
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Funding opportunities within the university	No
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Requirements / Registration

Academic admission requirements	A university / higher education entrance qualification is required. Admission is based on the applicant's academic and professional performance in the subject concerned. Alternatively, good SAT/ACT scores in mathematics and/or physics will be acknowledged. Required application documents: <ul style="list-style-type: none">• CV• proof of sufficient English language skills (for details, see below)• authenticated copies of school / university certificates / transcripts / SAT or ACT score report if available / "Studienkolleg" type T if available• at least one reference letter from school/university• motivational letter (maximum one A4 page): <p>Why do you want to study electrical engineering? What are your specific talents or interests? What is your motivation for studying in Germany? Why do you want to study in Mannheim? Which skills and what knowledge do you want to gain by studying with us?</p> Application procedure: <ol style="list-style-type: none">1. E-mail your application documents for initial evaluation to Mrs Silke Förstermann (apply.eeb@elektrotechnik.hs-mannheim.de). She will give advice and check eligibility for you.2. Go to https://campus.hs-mannheim.de/3. Switch to English language with country icon in right bottom corner on front page of the campus portal.4. Register your personal details in the portal to generate your application account. Important: Please ensure that you write your surname and first name(s) exactly as indicated in your passport. Additionally, provide your full and correct postal address, including the postal code, to ensure that official documents from Hochschule Mannheim can reach you by mail.
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5. Prepare your documents: Produce PDF scans of **max. 5 MB per document**.
6. Create an application for the **Bachelor's in Electrical Engineering (EEB)**.
7. Upload all necessary application documents.
8. Submit your complete online application before the end of our application deadline. We recommend submitting the application as soon as possible to speed up visa and housing procedures.

Language requirements	English: TOEFL 550 points (written), 213 points (computer-based), 80 points (iBT), or IELTS > 6.0 for applicants (unless English is the native language or official language of instruction at secondary school)
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Application deadline	<p>The application portal opens in early April for the 2025/26 winter semester.</p> <p>Application deadline: 31 July Start of courses: 1 September (No summer intake)</p> <p>Recommended application timeline: 15 May at the latest for international applicants (for visa reasons) 15 July at the latest for EU applicants and those not living in the Mannheim area yet (for student housing reasons)</p> <p>Updated application information and all details about applying can be found at https://www.ete.hs-mannheim.de/bachelor/apply.html.</p> <p>For questions, contact apply.eeb@elektrotechnik.hs-mannheim.de.</p>
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Submit application to	<p>Apply online via our application portal: https://campus.hs-mannheim.de.</p> <p>Application details and guidance are available at https://www.ete.hs-mannheim.de/bachelor/apply.html.</p>
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Services

Possibility of finding part-time employment	There are a lot of possibilities for student assistantships (but usually not for first-year Bachelor's students).
Accommodation	<p>There are student halls of residence run by the Student Services ("Studierendenwerk Mannheim") in cooperation with the university's International Office. Student accommodation is subject to availability. Monthly rent for single rooms is approximately 300 EUR.</p> <p>Have a look at https://www.stw-ma.de/en/Housing/Student+Accommodations.html.</p> <p>We highly recommend applying for student accommodation through "Studierendenwerk Mannheim" concurrently with your application for admission to our institution. You can apply to "Studierendenwerk Mannheim" even before receiving admission into the EEB programme. Submitting your housing application early will increase your chances of securing accommodation through "Studierendenwerk Mannheim".</p> <p>The online application for student accommodation can be completed as early as six months prior to the start of the winter semester. Your housing application is non-binding and can be cancelled at any time if you are not admitted to EEB or if you decide not to live and study in Mannheim.</p> <p>Apply for student housing with "Studierendenwerk Mannheim" at https://www.stw-ma.de/en/wohnen_bewerbung.html.</p>

Career advisory service

There are additional courses that focus on developing key skills. Guidance and counselling are provided by mentors.

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Tutors
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation
- Visa matters
- Pick-up service

Supervisor-student ratio

1:18



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Totilo Idrizi International student from Italy

When choosing our course of studies, we are in a period of big changes in which we are really building our identities. In some ways, we are making our first big responsible choices, and this will mean leaving our families for most of us. Of course, when I first decided to come here at eighteen years old, I couldn't know if this would still be the right choice after some months or years. But now I'm sure that I made the right choice. This study programme reflects my expectations.



Meet Our Students

Get to know the Department of Electrical Engineering at Hochschule Mannheim — University of Applied Sciences.

Meet our students and learn about our future topics. We want to arouse curiosity and show that electrical engineering can be fun.

» more:
<https://youtu.be/VX1QwFVCJJs>

Hochschule Mannheim - University of Applied Sciences



Mannheim Campus, Hochschule Mannheim – University of Applied Sciences

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With about 5,300 students, 180 professors, over 100 part-time lecturers and more than 300 technicians and administrative staff, Hochschule Mannheim is one of the largest universities of applied sciences in the Federal State of Baden-Württemberg. With all the assets of a modern university campus, Hochschule Mannheim provides students with ideal conditions to meet the requirements posed by the professional careers they have set their sights on. Close working contacts with industry, professional associations and cultural institutions, together with the Karl Völker Foundation affiliated to the university, represent an ideal breeding ground for internationally acclaimed research and development activities. For many years, Hochschule Mannheim has been one of the most research-intensive universities of applied sciences in Baden-Württemberg. As such, it enables its students to participate in a wide range of research and development projects prior to graduation.



University location

The city of Mannheim is situated in a beautiful area where the Rhine and Neckar rivers meet. The hills of the Palatinate and the Odenwald forest are visible in the distance. The old university town of Heidelberg with its famous castle is less than a 15-minute train ride away. Reaching it is not a problem with the Mannheim public transport student ticket.

With its population of some 320,000, its theatres, cinemas, museums, Art Nouveau buildings and new technology industrial centres, Mannheim offers a fascinating combination of culture, tradition and innovation.

Conveniently for all overseas students, Mannheim is less than an hour's bus ride from Frankfurt International Airport. It has excellent train connections to important European metropolitan centres such as Berlin, Milan, Munich, Paris, and Zurich.

Contact

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🌐 Course website: <https://www.ete.hs-mannheim.de/electricalengineering-energy/description.html>

📘 <https://www.facebook.com/ElektrotechnikHochschuleMannheim/>

📷 https://www.instagram.com/hochschulemannheim_e/

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

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

Disclaimer

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