



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Advanced Industrial Engineering

Rosenheim Technical University of Applied Sciences • Traunstein



Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	The language of instruction is English.
Full-time / part-time	<ul style="list-style-type: none">full-timepart-time (study alongside work)
Programme duration	3 semesters, 6 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	<ul style="list-style-type: none">Duration: three semesters full-time, six semesters part-timePart-time (study alongside work), dual education is possibleBlended learning approach: on campus learning combined with online components
Application deadline	15 May
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Master's degree programme in Advanced Industrial Engineering combines elements of engineering and business administration with new approaches to sustainable concepts and new digital technologies such as artificial intelligence, data science, collaborative robots as well as augmented, virtual and mixed reality.</p> <p>Partnering with successful local hidden champions and global leaders in engineering, the programme puts much emphasis on the application of study contents in engineering practice.</p>

Thereby, this degree programme will empower students to embark on successful careers in the field of Industrial Engineering.

Our partnerships with leading companies will offer students outstanding career entry opportunities and future positions (e.g. as a production engineer, technical buyer, in technical sales, supply chain management or as a management consultant).

The degree programme is in English and will prepare students for international requirements, enabling students to acquire excellent technical English skills.

Course Details

International elements	<ul style="list-style-type: none">• Training in intercultural skills• Language training provided• International guest lecturers• Projects with partners in Germany and abroad
Integrated internships	There is no mandatory internship. However, our curriculum involves close connections to local companies in many ways: case studies with industrial partners, projects in our innovations lab with collaborative robots, augmented, virtual and mixed reality, data science and artificial intelligence, field trips to companies and lectures including insights into engineering work in Germany.
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	85 EUR student union fee per semester
Costs of living	<p>Each student needs about 992 EUR per month to cover living expenses, student accommodation, health insurance and other related costs in Rosenheim. We recommend calculating approx. 11,904 EUR per year in total.</p> <p>For international students from non-EU countries:</p> <p>Proof of financial resources / blocked account: With a blocked account, you can provide evidence that you have adequate financial resources during the visa application process. The presumed annual requirement that must be paid into the blocked account when applying for a visa amounts to 11,904 EUR. Please see the information from the Federal Foreign Office: www.auswaertiges-amt.de/en/visa-service/visabestimmungen-node/sperrkonto-seite.</p>
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements

A Bachelor's degree in Industrial Engineering or an equivalent qualification obtained in Germany or abroad with an overall grade of 2.0 or higher is required.

All applicants who have obtained their first degree / Bachelor's degree at a **non-German institution**, must apply for a **preliminary review documentation / Vorprüfungsdokumentation (VPD)** at uni-assist in advance. Subsequently, the VPD must be submitted with the application to TH Rosenheim.

You can apply for a VPD at www.uni-assist.de/en/. It takes at least four to six weeks until you receive your result. Please take this into account when planning your application.

Language requirements

In order to apply for the programme, you will need a language level of **English B2** according to the CEFR.

The following **English language tests** are recognised:

- TOEIC with 785 or more points
- IELTS with a band score of 6.0 or higher
- Cambridge CEFR B2 First (FCE) with Grade C (at least 160 points) or higher
- Cambridge CEFR C1 Advanced (CAE) with level B2 (at least 160 points) or higher
- TELC Certificate English B2 or higher
- Pearson PTE Academic with 60 or more points
- At least six years of school-based English language instruction with a minimum grade of "satisfactory" in the final year, evidenced by a German higher education entrance qualification or an equivalent, recognised higher education entrance qualification from a non-German school
- Completed English-language Bachelor's or Master's degree programme
- Completed English studies in Germany and abroad
- A grade of at least "good" in the module "Technical English" or a comparable English language module from a previous German-language degree programme

Applicants whose native language is English are exempt from demonstrating sufficient English language skills.

Application deadline

15 May

Submit application to

Application is possible via our [online application portal](#).

Services

Possibility of finding part-time employment

Students can find part-time jobs in cooperation with our partner companies in the Chiemgau/Traunstein/Rosenheim area as well as at businesses within the Munich metropolitan area or in Salzburg.

Online job market at TH Rosenheim:

You will find job postings on the internal online job market of TH Rosenheim. Campus Chiemgau also has a database that coordinates job opportunities with local partner companies.

Bavaria-wide job exchange:

You will also find interesting job offers at <https://jobboerse.th-rosenheim.de/index.php/en>.

More helpful tips:

Our [website](#) also provides practical advice about working in Bavaria, Germany.

Accommodation

Student accommodation will be available. More detailed information can be found here: www.th-rosenheim.de/housing. Campus Chiemgau will coordinate accommodation with students after enrolment in the programme.

Private rooms

An online portal recommended among students to find a shared flat is wg-gesucht.de.

Career advisory service

Applying for jobs and starting your career:

The [Career Centre](#) provides students and graduates with information and advice on applying for jobs, career planning and starting out in the world of work.

Workshops for international students, e.g.:

- What's important to stand out from the crowd?
- Written applications and interviewing
- Individual CV check & counselling

International students who need assistance with writing applications have the chance to arrange individual appointments in English and German.

Support for international students and doctoral candidates

- Welcome event
- Tutors
- Cultural and linguistic preparation

Supervisor-student ratio

Good professor-student ratio, small groups



Welcome to TH Rosenheim

Are you interested in studying in one of the most attractive regions in Germany? Do you expect a high quality of life, great recreational activities and an economically powerful region? Then start your studies at TH Rosenheim!

» more:

<https://www.youtube.com/watch?v=zbWyAKYfqjU>

– Rosenheim Technical University of Applied Sciences



Campus Chiemgau is located right in the centre of vibrant Traunstein, set amidst lakes and mountains.

Rosenheim Technical University of Applied Sciences (TH Rosenheim): To study at Rosenheim Technical University of Applied Sciences (TH Rosenheim) is to study in one of Germany's most beautiful and economically attractive regions. With its high-quality and wide-ranging selection of degree programmes, excellent studying conditions, close links with industry and research, and a strong practical connection, our university offers a promising outlook – for studying, leisure time and careers. To help international students feel at home, the university offers a variety of services, such as German language courses and tutors assisting with everyday university life.

Five USPs for studying at TH Rosenheim:

- No tuition fees for regular Bachelor's and Master's degree programmes
- Practice-oriented education with more than 100 laboratories
- A welcoming atmosphere with close contact between lecturers and students
- German language courses and career workshops for free
- Mountains on the horizon and leisure activities at every turn



📍 University location

Campus Chiemgau & Traunstein

Campus Chiemgau in Traunstein, the digital hub of the renowned Rosenheim Technical University of Applied Sciences, is uniquely located amidst mountains and lakes, an outdoor region with excellent opportunities for students to go skiing, surfing, hiking and more. The vibrant city of Traunstein offers all amenities needed for an inspiring student life, welcoming visitors from all over the world. With the highest standards of educational quality, TH Rosenheim and Campus Chiemgau put much emphasis on a strong orientation towards business practice. At TH Rosenheim, it is particularly important that faculty maintain close contact with their students, empowering them to pursue successful careers in business practice.

Check out our video of [Campus Chiemgau](#).

Where are TH Rosenheim and Campus Chiemgau?

Rosenheim and Campus Chiemgau are located in the south-eastern part of the German state of Bavaria. Close to the Alps, it is an area rich in scenic beauty and with an impressive cultural heritage. Just a short drive away from Germany's "high-tech capital" Munich, it is also the

centre of a prospering economic region. Traunstein is situated near three larger cities: Munich, Salzburg, and Innsbruck. According to the European Commission, Traunstein belongs to the "Alpine Arc" super region. This region comprises the entire German, Austrian and Italian Alpine region, which makes it one of the strongest economic regions of the European Union.

Contact

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Campus Chiemgau

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🌐 Course website: https://www.th-rosenheim.de/en/studies-and-further-education/courses-of-study/masters-degree-programmes/advanced-industrial-engineering?mtm_campaign=DAAD%20International%20Programmes&mtm_kwd=m-aie
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📘 <https://www.facebook.com/throsenheiminternational>

🌐 <https://de.linkedin.com/school/th-rosenheim/>

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

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International Programmes in Germany - Database

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

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Disclaimer

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