



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Master of Science in Wood Technology

Rosenheim Technical University of Applied Sciences • Rosenheim



Overview

Degree	Master of Science (MSc)
In cooperation with	Bern University of Applied Sciences (BUAS), Switzerland
Teaching language	<ul style="list-style-type: none">English
Languages	All courses are held in English. A range of elective courses in German is also available/offered. The Master's thesis may be written in English or German. In consultation with the examiners, a different language can also be agreed upon. A summary in English must always be included.
Full-time / part-time	<ul style="list-style-type: none">full-timepart-time (study alongside work)
Mode of study	Less than 50% online
Programme duration	3 semesters, 6 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	Our winter semester starts on 1 October, and an introductory meeting might be held a few days ahead.
Application deadline	15 June for the following winter semester Due to the visa processing time, it is STRONGLY recommended that non-EU applicants submit their documents at the beginning of the application period on 1 April!
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No

Joint degree / double degree programme

Yes

Description/content

International prospects for your career

Leadership skills and HR management, the definition of a strategy, a solid foundation in financial aspects, performance optimisation in production, the most recent material technologies or production systems engineering with the simulation of equipment: the range covered by wood technology and thus the requirements for engineers are constantly evolving. A wide range of knowledge and skills are expected in managerial positions in the international woodworking industry. This is precisely what the international Master's programme in Wood Technology offers. It is a joint programme offered by the Rosenheim Technical University of Applied Sciences (GER) and the Bern University of Applied Sciences (CH).

Both educational institutes are European leaders in the field of timber. One of the particular strengths of this unique degree programme in Europe is the practical training provided on a high scientific level. Applied research is conducted in close collaboration with leading institutes and enterprises. The course is taught in English and can be completed either as a full-time study course (usual programme duration: three semesters) or as a part-time study course (up to six semesters). Part-time study allows the student to engage in parallel professional activities at a company or in a research department at either university.

Career prospects

The graduates are experts who master the latest concepts and technologies in an international woodworking industry. The knowledge and skills acquired during the programme, and also firmly rooted in practical application, will enable the graduates to become valuable assets to businesses in private enterprise, public services or institutes in the timber, machine, software and consulting area.

The graduates will have the skills to enter senior positions in various sectors of activity such as planning, project management, production, technical sales and marketing, distribution, quality control or research and teaching.

Our Master of Science programme is also the ideal basis for PhD studies.

Course Details

Course organisation

Structure of the programme

Personal development in an international environment, expanding skills related to the most recent technologies and methods in the woodworking industry are at the core of the Master's degree programme.

The first semester will give the students a solid foundation in the fields of mathematics, sciences, advanced wood-based materials as well as management and leadership skills. Already in the first semesters students choose one or two individual elective courses.

In the second semester, students can choose from a range of different lectures based on their personal preference, for example, Systems Engineering, Special Aspects of Wood Processing, Change Management, Supply Chain Management, Quality Management, Advanced Wood Processing, Furniture Safety and Testing, as well as Innovation Management and New Product Development or Simulation. The second semester is topped off with some courses on economical aspects and the topics of Energy, Wood Supply and Logistics.

During the third semester, students will write the Master's thesis. They will be able to prove that they are capable of working in a scientific and solution-oriented manner and capable of applying scientific methods when dealing with complex problems from the field of wood technology and related business areas. Given the close collaboration with the industry, it is also possible for students to find topics for their Master's theses outside the university.

Types of courses

Within one semester, students have a mixture of weekly lectures and seminars. Depending on the content, different types of courses are used. The courses of the field "Skills for Management" are

interactive seminars, including group work. In the module “Advanced Wood Processing”, we are proud to have a cooperation with a company to offer a practical seminar week to our students. The modules taught by professors of the Rosenheim Technical University of Applied Sciences are mostly held as weekly lectures. Guest lecturers from different universities come to Rosenheim to teach block courses. The detailed description of the individual modules and part modules can be found in the actual curriculum published every semester.

Required credits

The aim is to acquire an average of 30 credit points (CP) per semester for full-time students or an average of 15 credit points per semester for part-time students. During the entire course of study, 90 credit points (CP) must be achieved. A Bachelor's degree with at least 210 ECTS credits is required for beginning the Master's programme. Students who have a primary academic degree that qualifies them for professional employment with less than 210 credits but at least 180 credits have the possibility of acquiring the missing credits during the Master's programme. Details for these regulations can be found in the study and examination regulations. The programme has a modular structure and comprises three semesters for full-time students and four to six semesters if completed on a part-time basis.

German language courses

The German language courses offered by the Language Centre of the university are not directly integrated into the programme structure. We are trying to integrate the timeslots into the schedule.

A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • International guest lecturers • Training in intercultural skills • Study trips • Projects with partners in Germany and abroad
Integrated internships	<p>None required</p> <p>For international students without industrial experience, it is highly recommended that you include an industry internship semester after the two theoretical semesters to gain practical experience. Though this is not an official requirement for completing the Master's programme, it usually provides a very good opportunity to develop a Master's thesis topic with an industrial company.</p>
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Online learning

Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Phase(s) of attendance in Germany (applies to the entire programme)	Yes, compulsory
Types of online learning elements	<ul style="list-style-type: none"> • Access to databases with study material • Flipped Classroom • Online sessions • Online study material provided by institution

- Video learning (Pre-recorded videos, Vlogs, Video-Podcasts)

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 934 EUR per month to cover living expenses, student accommodation, health insurance and other related costs in Rosenheim. We recommend calculating approx. 11,208 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 11,208 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	<ol style="list-style-type: none"> 1. Admission to the Master's degree programme requires a Bachelor's degree (at least six semesters) in Wood Technology, Timber Construction and Redevelopment, Interior Engineering or a related field, or an equivalent qualification gained in Germany or abroad. Furthermore, the personal motivation for studying should be explained in a motivational letter. 2. If English is not your native language, an English language certificate is required. The required scores are stated under language requirements. <p>If the first degree was NOT acquired at a German educational institution, you first have to apply to uni-assist to get your Bachelor's degree checked. The preliminary review documentation by uni-assist (VPD) will have to be uploaded in your application at Rosenheim Technical University.</p> <p>The VPD will be valid for one year. It takes approximately four to six weeks until you will receive your result. Please take this into account when planning your application.</p> <p>Here you find further information to the admittance requirements, step-by-step instructions and a checklist for the application process.</p> <p>If you are not sure whether you fulfil the admission requirements, please contact us. We will be happy to advise you!</p>
Language requirements	<p>In order to apply for the programme, you will need a language level of German A2 and English B2 according to the CEFR.</p> <p>The following German language tests are recognised:</p> <ul style="list-style-type: none"> • Deutsches Sprachdiplom (DSD) level 1 (CEFR A2/B1) or higher

- Goethe Certificate A2 or higher
- TELC Certificate German A2 or higher
- ÖSD Certificate A2 or higher
- DSH 1 or higher
- TestDaf TN3 or higher
- Completed German language course at a university in Germany of at least four ECTS credits at level A2 or higher
- Certificate of examination to determine the suitability of foreign applicants to study at universities in Germany (“Feststellungsprüfung”)
- Completed German-language Bachelor’s or Master’s degree programme
- Completed German language and literature studies in Germany or abroad
- German at level A in the final certificate of the International Baccalaureate Diploma Programme

Applicants whose native language is German are exempt from providing proof of sufficient German language skills.

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

- Internet-based TOEFL with 72 or more points
- 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 at a secondary school, as evidenced by a German-language university entrance qualification or an equivalent, recognised university entrance qualification from a non-German school
- Completed English-language Bachelor’s or Master’s degree programme
- Completed English language and literature 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.

Technical equipment and programmes

For access to the online study material, to participate in online sessions and to write assignments, it is necessary to have a laptop including headset and an internet connection. Several programmes are provided for students. The university has its own Moodle platform.

Application deadline

15 June for the following winter semester

Due to the visa processing time, it is **STRONGLY** recommended that non-EU applicants submit their documents at the beginning of the application period on 1 April!

Submit application to

[Link to the application portal](#)

Services

Possibility of finding part-time employment

A limited number of student jobs are available at TH Rosenheim (e.g. for lab work, research projects or other support functions). Students can find part-time jobs at regional companies or in Munich, which is a 35-minute train ride from Rosenheim. Basic knowledge of the German language significantly improves your chances of getting a student job.

Online job market at TH Rosenheim

You will find job postings on the internal online job market at TH Rosenheim.

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: <https://www.th-rosenheim.de/en/international/incomings/general-information/working-in-bavaria>.

Accommodation

Munich Student Union halls of residence

Fall out of bed and into your lecture hall – thanks to the Munich Student Union, this is possible for students in Rosenheim. The student service provider runs two halls of residence here with a total of 345 spaces. Student rooms for international students are available on a first-come, first-served basis. Room rates are around 300 EUR per month. However, room reservations can only be made after being admitted to your degree programme in Rosenheim. Information for students looking for accommodation can be found at: <http://www.studentenwerk-muenchen.de/en/accommodation>.

Private rooms

Further information regarding accommodation in Rosenheim and Burghausen is available at: www.th-rosenheim.de/housing.

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:

- Getting ready for the German job market
- Everyday business behaviour
- Written applications and interviewing
- Individual job application check

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
- Specialist counselling
- Accompanying programme

General services and support for international students and doctoral candidates

Services for international students

TH Rosenheim offers a variety of services, such as German language courses, language tandems and student tutors who assist with everyday university life, to ensure that international students feel at home in Rosenheim. To find out more, please have a look at <https://www.th-rosenheim.de/welcome>.

Facebook for international students

Are you interested in meeting international students in Rosenheim? Join us on [Facebook](#)!

International Student Committee (StuPa)

Meet with interesting people from different cultures, exchange intercultural experiences or simply meet new people and have fun.

Supervisor-student ratio

Good professor-student ratio, small groups



©Leonel Vushueh Chongong

**Leonel Vushueh
Chongong**
MSc

Wood is a valuable natural resource that is critical to humanity's future. A competent workforce will be required for the management of wood and the use of wood technologies now and in the future of forestry and timber industries. Are you ready to begin a Master's degree in wood technology at an international level? Then Rosenheim Technical University is the ideal place to study. The experiences and abilities I gained provided me with a firm foundation for my working life in the timber industry.

Our Partners



Take a tour of the Rosenheim campus

Studying at Rosenheim Technical University of Applied Sciences is to study in one of Germany's most beautiful and economically attractive regions. With its high-quality and wide-ranging selection of courses, excellent studying conditions, close links with industry and research, and a strong practical connection, our university offers a promising outlook – for study, leisure time and careers.

» more:
<https://www.youtube.com/watch?v=vXjLTUavDk>

– Rosenheim Technical University of Applied Sciences



S Building

© Oliver Pausch

Rosenheim Technical University of Applied Sciences (TH Rosenheim): To study at Rosenheim Technical University of Applied Sciences (TH

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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

Studying in Rosenheim

Rosenheim is located in the south-eastern part of the German state of Bavaria. Situated in between the three larger cities of Munich, Salzburg and Innsbruck, it is the centre of a prospering economic region with a population of about 100,000 inhabitants. The Bavarian capital of Munich is only 30 minutes away by train and offers a lot of very attractive companies and job opportunities.

Studying at the Rosenheim campus means studying in beautiful surroundings in one of the most attractive regions in Germany – particularly in terms of quality of life and recreational activities. The Rosenheim campus is located in the city centre, just a 20-minute walk from the main station, and even has its own train stop. Art, tradition and culture can be found everywhere in Rosenheim.

If you like nature and outdoor activities, you are just a stone's throw from the mountains and lakes where you can go hiking, swimming, sailing, skiing and much more. Chill out at the beach bar on Chiemsee lake and enjoy beautiful sunsets on top of Germany's highest mountains.

Contact

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🌐 Course website: https://www.th-rosenheim.de/en/studies-and-further-education/courses-of-study/masters-degree-programmes/wood-technology?mtm_campaign=DAAD%20International%20Programmes&mtm_kwd=M-HT

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

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

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

📺 <https://www.youtube.com/c/TechnischeHochschuleRosenheim>

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www.daad.de/international-programmes
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Editor

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