

Course/Programme requirements

Admission criteria

- Bachelor or Diploma degree in wood technology, timber construction, interior engineering or related areas.
- and
- Proof of English proficiency via recognized English language examinations (TOEFL, Cambridge Certificate)

Further information:

→ www.th-rosenheim.de/woodtechnology_master-application.html

Personal commitment/Assessment of motivation/ Other skills

The students enrolling for the Master 's programme choose as specialisation within the field of management and technical engineering. This requires a high level of motivation and commitment to intensively explore specific areas. Flexibility and self-discipline, as well as independent and target-oriented working practices are a must.

Application process

- Start of the course: winter semester
- Application period: 1st May to 15th June
- Application form available online at

→ www.th-rosenheim.de

For further information regarding the applications process, please contact Student's Administration (Studienamt)

+ 49 8031 805-2194/2195, studienamt@th-rosenheim.de

→ www.th-rosenheim.de/studienbewerber.html

Contact

For general questions regarding your choice of study programmes, please contact the

Central Student Advisory Office,
Ursula Anglhuber, +49 8031 805-2495, studienberatung@th-rosenheim.de

For questions regarding your field of study, please contact the

Academic Advisory Service,
Katrin Gandler, +49 8031 805-2325, ht-master@th-rosenheim.de



Studying in Rosenheim

The Rosenheim Technical University of Applied Sciences is the most important educational institution in south-eastern Bavaria and it combines a regional profile with an international reputation in the woodworking industry. "Der Rosenheimer" is known worldwide as an expert in the field of wood technology and wood processing. Close contacts to the industry in one of Germany's strongest economic regions allow 6,300 students to gain the practical skills that are indispensable for a successful career in this field. A friendly atmosphere, close contact between students and faculty and a modern campus setting provide an ideal learning environment.

Technische Hochschule Rosenheim Technical University of Applied Sciences

Hochschulstraße 1, 83024 Rosenheim
Telefon +49 8031 805-0, Fax +49 8031 805-2105
www.th-rosenheim.de



sons. Photos: F. Hammerich, D. Bazold

Master's Degree Programme Wood Technology Master of Science (M.Sc.)



Rosenheim
Technical University
of Applied Sciences



Partner:



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

MASTER'S DEGREE PROGRAMME Wood Technology

- Degree: Master of Science (M.Sc.)
Joint Degree of the Rosenheim Technical University of Applied Sciences (GER) and the Bern University of Applied Sciences (CH)
- Duration: 3 semesters full-time or 6 semesters part-time
- Teaching language: English
- Credit Points (CP): 90
- Accreditation: accredited by ASIIN e. V.
- Dual education with "advanced work experience" is possible



Leadership skills/HR management, the definition of a strategy, a solid foundation in financial aspects, performance optimization 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 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 in an enterprise or in a research department of either university.

For further information go to:

→ www.th-rosenheim.de/woodtechnology_master.html

Contents and structure of the course

Personal development in an international environment, expanding skills related to the most recent technologies and methods in the woodworking industry as well as an active participation in research and industry projects are at the core of the Master's Degree Programme.

The first semester will give the students a solid foundation in the field of mathematics, sciences, process management and simulation and teach management and leadership skills.

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, Furniture - Product Safety and Testing, Supply Chain Management, Quality Management, as well as Wooden Composites and new materials. Students who wish to specialise in Complex Timber Structures will attend our partner university for their studies.

During the third semester, students will write their Master's Thesis and will be able to prove that they are able to work in a scientific and solution-oriented manner and to apply scientific methods when dealing with complex problems from the field of wood technology and related business areas.

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.

International experience

Being a joint programme offered by two universities, the Master's Degree in Wood Technology is known for its international approach/focus. Thanks to the excellent foreign networks of both universities and the high esteem in which they are held, students also have the possibility to study a semester abroad attending a partner university, for example in European neighbouring countries or overseas. Given the close collaboration with the industry, it is also possible for students to find topics for their Master's Thesis outside the university.

SEMESTER

CREDIT POINTS (CP)

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Advanced Mathematics		Scientific Working		Statistics & Data Science						Programming for Data Science						Processes & Simulation				Innovation Management and New Product Development				Mass Customization		Leadership				31	
2	Energy, Wood Supply, Logistics				Advanced technical and management modules																Project Management				Economical Aspects						29	
3	Master's Thesis																															30
over all 90 CP																																

■ Technical Modules / ■ Management Modules / ■ Required elective modules / ■ Master's Thesis