

**Study and Examination Regulations
for the Master's degree programme in Wood Technology
at Rosenheim Technical University of Applied Sciences
and Bern University of Applied Sciences**

of 23 January 2023

On the basis of Article 77 (1) Sentence 1, Article 79 (1) Sentence 1, Article 80 (1), Article 84, Article 87 and Article 88 (3) of the Bavarian Higher Education Innovation Act (BayHIG), Rosenheim Technical University of Applied Sciences issues the following amended rules:

**Section 1
Purpose of the study and examination regulations**

These study and examination regulations serve as a supplement to the current versions of the Basic Examination Regulations for Universities of Applied Sciences in Bavaria (*Rahmenprüfungsordnung für die Fachhochschulen in Bayern – RaPO*) of 17 October 2001 and the General Examination Regulations of Rosenheim Technical University of Applied Sciences (*Allgemeine Prüfungsordnung der Technical Hochschule Rosenheim – APO*) of 2 August 2016.

**Section 2
Study objectives**

- (1) The Master's Degree Programme in Wood Technology is devised as an application-focused, consecutive course. It aims to provide students with advanced and specialist knowledge of wood technology and related areas with a scientific foundation.
- (2) The objective of the Master's degree programme is to enable specially qualified students, with a completed Bachelor's or Diplom degree, the opportunity to enhance their qualifications, through advanced mathematical and scientific principles and a broadening of their specialist training, in line with international standards. The international focus of the course is demonstrated by the fact that its lectures are offered in English throughout.
- (3) Through lectures from various areas of specialisation in the timber industry, and by focusing on the common principles of analysis, modelling, simulation and synthesis, skills in dealing with complex, unstructured tasks and in working with systems are to be developed. An awareness for the interdependence of the parts of a networked system should be enhanced. Practical relevance is ensured not only through the laboratory work, but also by preparing a comprehensive, scientific thesis over a period of six months.
- (4) In addition to the specialist knowledge gained, the degree programme should further develop broader qualifications such as social competence and communication skills, and thus also the ability to work successfully in international groups or to lead a working group.
- (5) The course prepares students both for demanding professional fields in internationally operating commercial enterprises, in the public sector and in self-employed activities, as well as for further scientific qualifications, such as a subsequent doctoral degree procedure.

**Section 3
Admission requirements**

- (1) Admission to the Master's degree programme requires a Bachelor's degree in Wood Technology, Wood Building and Construction, Interior Engineering or a related field, or an equivalent qualification gained in Germany or abroad.
- (2) If the degree held in terms of paragraph 1 above does not incorporate the full spectrum of knowledge required, additional studies are specified based on the subject curriculum, in accordance with paragraph 1, by the head of the programme. Catch-up examinations must be taken before the Master's thesis is issued.
- (3) Admission to the degree programme requires level B2 English language skills under the Common European Framework of Reference for Languages (CEFR). These can be evidenced by:
 1. Internet-based TOEFL with 72 or more points,
 2. IELTS with a band score of 6.0 or higher,

3. Cambridge CEFR B2 First (FCE), Grade C or higher,
4. Cambridge CEFR C1 Advanced (CAE) with level B2 or higher,
5. At least 6 years of English tuition at school 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.
6. Medium of instruction certificate "English" for the previous academic degree.

Native English speakers are not required to submit proof of adequate English language skills. In cases of doubt or non-submission of proof, applicants may be required additionally/alternatively to pass a language test comparable to those listed above at the TH Rosenheim.

(4) The Examination Committee shall decide on the equivalence and relevance of qualifications required for admission and the fulfilment of other admission requirements.

(5) If applicants submit proof of a qualification required for admission that is worth less than 210 ECTS credit points but at least 180 ECTS credit points or equivalent, they must acquire the missing credit points from relevant undergraduate courses at Rosenheim Technical University of Applied Sciences. On admission, the Examination Committee shall determine which courses and examinations need to be taken in the individual case. Catch-up examinations must be taken before the Master's thesis is issued. Section 19 of the General Examination Regulations of Rosenheim Technical University of Applied Sciences (APO) applies accordingly to opportunities to resit failed examinations.

Section 4

Course structure

(1) The Master's degree programme covers a standard period of study of three semesters of full-time study or 6 semesters of part-time study. It includes a Master's thesis.

(2) The degree programme is jointly offered by the partner universities in accordance with the relevant cooperation agreement and study plan. The study and examination regulations of the university where the students have enrolled are applicable; in examination matters, the regulations of the university where the examination is taken are applicable.

Section 5

Modules and examinations

(1) The modules, their number of hours, credit points, type of lecture as well as type and scope of examinations are set out in the Appendix to these rules. The regulations defined in these rules are supplemented by the study plan.

(2) All modules are either required modules, specialist required elective modules, general required elective modules or elective modules:

1. Required modules are those modules of the degree programme which must be completed by all students.

2. Specialist required elective modules are modules that have to be chosen according to these study and examination regulations. The specialist required elective modules are defined in the study plan. The modules selected are treated as required modules.

3. General required elective modules are modules offered by the Faculty of Applied Natural Sciences and Humanities in a catalogue. Any restrictions to the modules which can be chosen will be in the study plan. The modules selected are treated as required modules. / The grades obtained in the general elective modules are not significant for passing the course. They are not included when calculating the overall grade, but they are listed on the examination certificate.

4. Elective modules are not mandatory for achieving the study goals. They can be selected additionally by students from the whole range of courses offered by Rosenheim Technical University.

Section 6

Study plan

(1) The Faculty of Wood Technology and Construction produces a study plan detailing the course structure for the students' information and to ensure compliance with the curriculum. It is approved by the Faculty Council and is published within the university. New regulations must be published at the latest at the start of the semester in

which the regulations come into force for the first time. In particular, the study plan includes regulations and information on:

1. Objectives, content, hours per week per semester, credit points and types of lecture used in individual modules, if this is not regulated conclusively in these rules, and, in particular, a list of current required elective modules, including conditions and restrictions regarding student numbers.

2. More detailed conditions relating to examinations, certificates of attendance and admission requirements.

(2) No assertion is made that all required elective modules and elective modules shall actually be available. Equally, no assertion is made that associated lectures shall be conducted if there are insufficient attendees. The Examination Committee can also set requirements for attendance as well as maximum numbers of attendees for certain lectures.

Section 7

Master's thesis

(1) A student may apply for the topic for his/her Master's thesis to be issued at the earliest after achieving 30 ECTS credit points.

(2) Full-time students have 6 months to complete the Master's thesis and part-time students have 12 months.

(3) The Master's thesis is assessed and graded by two examiners. At least one of these two examiners should be a full-time professor at Rosenheim Technical University of Applied Sciences.

(4) The Master's thesis may be written in German or English. In consultation with the examiners, a different language can also be agreed upon. A summary in English must always be included.

(5) The Master's thesis must be orally presented and defended in person within a 45-minute time period. The defence is subject to the provisions in Section 21 (9) as well as the terms and conditions for oral examinations set out in Section 16 of the General Examination Regulations (APO).

Section 8

Academic Advising

If students do not obtain at least 30 credit points after two semesters (full-time study) / four semesters (part-time study) they are required to seek assistance from Academic Advising by order of the Examination Committee.

Section 9

Examination Committee

The Examination Committee consists of at least three professors from the Faculty of Wood Technology and Construction.

Section 10

Overall examination grade

The overall examination grade is the arithmetic average of significant individual grades weighted with credit points, rounded off to one decimal point.

Section 11

Academic title

(1) On passing the Master's examination, the student shall be awarded the academic title of "Master of Science", or "M.Sc." for short, jointly by both universities.

(2) The academic title shall be awarded together with a certificate set out according to the template provided in the Appendix.

Section 12

Effective date, transitional regulations

(1) These study and examination regulations come into force on 1 October 2023. They apply to students enrolling in the 2023/24 winter semester. They also apply to students who started their studies before this semester, but postponed or delayed their degree (e.g. by a leave of absence, interrupted studies, not achieving the conditions required to move on for the first or second semester) which resulted in a range of courses which complied with the previous study and examination regulations no longer being available when they continued their studies.

(2) The study and examination regulations from 14 August 2015, 22 February 2016 and 12 August 2019 remain valid for students not subject to these study and examination regulations; otherwise the older versions cease to be in force.

Issued on the basis of the resolution by the Senate of Rosenheim Technical University of Applied Sciences of 11 January 2023.

Rosenheim, 23 January 2023

Prof. Heinrich Köster
President

These rules were laid down on 23 January 2023 at Rosenheim Technical University of Applied Sciences. This was published within the university on 23 January 2023. The publication date is therefore 23 January 2023.

Anlage zur Studien- und Prüfungsordnung für den Masterstudiengang Holztechnik an der Technischen Hochschule Rosenheim

Appendix to the study and examination regulations for the Master's degree programme in Wood Technology at Rosenheim Technical University of Applied Sciences.

1. Theoretische Studiensemester (Theoretical semester)

Modul Nr. No	Modulbezeichnung Modules	Leistungs- punkte ECTS	Art der Lehrver- anstaltung 1) Form of Course	Prüfungen Examination 1) 2)		Ergänzende Regelungen 1) Supplementary regulations
				Art u. Dauer in Minuten Type and Duration	ZV	
1	Modulgruppe "Mathematics & Sciences"	15	SU, Ü, Pr, S	P	-	3)
2	Modulgruppe "Skills for Management"	15	SU, Ü, Pr, S	P		3)
3	Modulgruppe "Technical Compulsory Module Choice"	20	SU, Ü, Pr, S	P		3)
4	Modulgruppe "General Compulsory Module Choice"	10	SU, Ü, Pr, S	P		3)
5	Masterarbeit Master's Thesis	30	MA	MA, mdlP 45min	-	4)
		90				

- 1) Näheres regelt der Fakultätsrat im Studienplan. *The Faculty Council sets out the details in the study plan.*
- 2) Mindestens ausreichende Bewertung aller bestehenserheblichen Prüfungen ist Voraussetzung für das Bestehen. *A minimum grade of "sufficient" for all significant examinations is required to successfully complete the programme.*
- 3) Der Katalog der Module je Modulgruppe wird nach Maßgabe von § 5 für jedes Semester vom Fakultätsrat beschlossen und jeweils zu Semesterbeginn im Studienplan niedergelegt. *The catalogue of modules per module group is determined by the Faculty Council for each semester according to the criteria in Section 5, and set out in the study plan at the start of each semester.*
- 4) Eine persönliche Präsentation (Verteidigung) mit mündlichen Erläuterungen durch den Studierenden muss bestanden werden, diese ist nicht notenbildend. *A presentation in person (defence) with oral explanations by the student must be passed, but it is not grade forming.*

2. Erklärung der Abkürzungen (Abbreviations):

ECTS	=	European Credit Transfer System
Ü	=	Übung <i>Practical exercise</i>
SU	=	Seminaristischer Unterricht <i>Seminar-based lectures</i>
Pr	=	Praktikum <i>Work experience</i>
S	=	Seminar <i>Seminar</i>
ZV	=	Zulassungsvoraussetzung <i>Admission requirement</i>
MA	=	Masterarbeit <i>Master's thesis</i>
P	=	Prüfungen <i>Examinations</i>

3. Vorlage Urkunde



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

Technische
Hochschule
Rosenheim



Master Diploma / Masterurkunde

**Bern University of Applied Sciences and Rosenheim Technical University of Applied Sciences
by virtue of the power vested in them hereby confer upon**

Die Berner Fachhochschule und die Technische Hochschule Rosenheim verleihen

Max MUSTERMANN

born the / geboren am . Juli in

**Based upon successful completion of all requirements of the Master's Degree Programme in Wood Technology, the degree of
Auf Grund der im Masterstudiengang Holztechnik erfolgreich abgelegten Masterprüfung den akademischen Grad**

Master of Science (M.Sc.)

Bern University of Applied Science

Rosenheim Technical University of Applied Sciences

Rector
Prof. Dr. Sebastian Wörwag

President
Prof. Heinrich Köster

Director of the Departement
Architecture, Wood and Civil Engineering
Prof. Dr. Peter Staub

Dean of the Faculty
Wood Technology and Construction
Prof. Thorsten Ober

Seal / Siegel

Seal / Siegel

Bern, 12. April 2021

Rosenheim, 12. April 2021

The academic title is awarded according to the Study and Examination Regulations of the Rosenheim Technical University of Applied Sciences and Bern University of Applied Sciences. According to Swiss law this diploma authorizes to bear the title «Master of Science Bern University of Applied Sciences/ Rosenheim Technical University of Applied Sciences in Wood Technology». Der akademische Grad wird gemäß der Studien- und Prüfungsordnung der Technischen Hochschule Rosenheim und dem Studien- und Prüfungsreglement der Berner Fachhochschule verliehen. Dieses Diplom berechtigt, den nach schweizerischem Recht geschützten Titel «Master of Science Berner Fachhochschule/Technische Hochschule Rosenheim in Holztechnik» zu tragen

