

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

of 1 August 2008

in the version incorporating the amendments of 19 August 2010, 9 June 2011, 3 May 2012,
3 August 2012, 11 June 2013, 14 August 2015, 22 February 2016 and 12. August 2019

In accordance with Article 57 (1) Sentence 1, Article 58, Article 43 (5), Article 61 (8) Sentence 2 and Article 66 (1) Sentence 3 of the Bavarian Higher Education Act (BayHSchG), Rosenheim University of Applied Sciences issues the following 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 University of Applied Sciences (*Allgemeine Prüfungsordnung der Technischen Hochschule Rosenheim - APO*) of 24 January 2011.

**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. 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 nine 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, 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 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. ECTS credits cannot be gained for these additional studies.

(3) Other requirements for admission to studies are English language skills. The following apply as proof of required English language skills:

1. TOEFL revised Paper-delivered Test (PBT) with 66 Punkten or more points.
2. TOEFL Internet-based Test (IbT) with 88 Punkten or more points
3. IELTS with Band 6.5 or higher.
4. Cambridge ESOL CPE with Grade C or higher.
5. Cambridge ESOL CAE with Grade C/B or higher.
8. A grade of at least "good" in "Technical English" or a comparable English subject from a previous degree.
9. 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 Rosenheim University of Applied Sciences.

Applicants who are admitted in terms of Section 3 (3) No. 8 must provide proof of their English language skills - according to the requirements of Section 3 (3) No. 1-7 - by the end of the degree programme, at the latest. Where applicable, the qualification might be obtained by participating in relevant courses at the university. However, ECTS credits cannot be gained for these additional studies.

(4) The Examination Committee shall decide on the equivalence and relevance of qualifications required for admission and the fulfilment of other admission requirements, in coordination with the head of the programme.

(5) If applicants submit proof of a qualification entitling them to admission, for which less than 210 ECTS credit points, but at least 180 ECTS credit points or a recognised equivalent qualification have been awarded, then a prerequisite for passing the Master's examination is proof of achieving the lacking ECTS credits from relevant undergraduate courses at Rosenheim University of Applied Sciences and Bern University of Applied Sciences, or by completing a practical semester. The Examination Committee, in consultation with the head of the programme, determines which courses and examinations must be completed in this regard.

Section 4

Course structure

(1) The standard period of study for the full-time Master's degree programme is 3 semesters.

(2) The standard period of study for the part-time Master's degree programme is 6 semesters.

(3) The degree programme includes a Master's thesis to be completed in the final semester.

(4) 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.

(5) If there are not enough participants, there is no right to insist that the Master's degree programme is carried out.

Section 5

Modules and examinations

(1) The modules, their number of hours, credit points, type of lecture as well as type, scope and grading 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 advanced modules (MF), required elective modules (MW) or elective modules:

1. Required modules are those modules of the degree programme which must be completed by all students.
2. Specialist advanced modules and required elective modules are modules offered, from which each student must complete a specific selection in accordance with the provisions of these study and examination regulations. The MF and MW are defined in the study plan. The modules selected are treated as required modules.
3. 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 University of Applied Sciences and Bern University of Applied Sciences.

(3) In specialist advanced modules and required elective modules, the contents can also be presented as module work instead of a lecture. Module work is a written examination in the form of a piece of coursework, where students independently tackle specified contents. Further details are contained in the study plan.

Section 6

Study plan

(1) The heads of the programmes produce 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 advanced modules and required elective modules including conditions and restrictions regarding student numbers.
2. Allocation of the modules to advanced subjects.
3. More detailed conditions relating to examinations, certificates of attendance and admission requirements.
4. The language of instruction and examination of the individual modules.
5. The location of the courses/lectures.

(2) No assertion is made that all advanced subjects, 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.

Section 7

Academic Advising

If a student does 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 8

Master's thesis

(1) In the Master's thesis, the students should demonstrate their ability to apply the knowledge acquired during their studies in an independently-produced, application-orientated scientific thesis tackling complex issues.

(2) The topic of the Master's thesis should be chosen in accordance with the area of specialisation. The Master's thesis topic can only be issued once the student has completed at least 30 ECTS credits in the Master's degree programme, at the earliest. The date of issue of the topic is also taken as the thesis registration date by the Examinations Office.

(3) Full-time students have 9 months to complete the Master's thesis.

(4) Part-time students have 12 months to complete the Master's thesis.

(5) The Examination Committee may, on request, grant a reasonable extension period, if the thesis completion deadline cannot be met due to illness, or other reasons beyond the student's control. The thesis must be submitted to the Examinations Office on time in three bound copies.

(6) The Master's thesis is assessed and graded by two examiners. The first examiner should be a full-time professor at Rosenheim University of Applied Sciences. The second examiner can be anyone at Rosenheim University of Applied Sciences or Bern University of Applied Sciences who meets the criteria for university examiners specified in the BayHSchG.

(7) 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.

Section 9

Examination Committee

(1) A joint Examination Committee exists for all courses offered by the Faculty of Wood Technology and Construction. The Examination Committee consists of four professors from the Faculty of Wood Technology and Construction. The chairperson and deputy of the Examination Committee are chosen from this group.

(2) The Examination Committees of the partner universities recognise each other's decisions.

Section 10

Advisor

(1) Students who wish to swap modules for those offered in other Master's degree programmes at Rosenheim University of Applied Sciences, Bern University of Applied Sciences or other colleges or universities (cf. Section 5) will be supervised by an advisor, chosen from the lecturers or research assistants of the participating universities. The students choose their advisor in consultation with the head of the programme.

(2) The advisor advises the student regarding allocation of the modules in particular, as well as on general academic matters. They are also usually responsible for supervising the Master's thesis.

Section 11

Overall examination grade and certificate

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

(2) A certificate and a diploma supplement shall be issued for the passed Master's examination in accordance with the relevant templates provided in the Appendix to the General Examination Regulations of Rosenheim University of Applied Sciences (*Allgemeine Prüfungsordnung der Technischen Hochschule Rosenheim - APO*).

(3) In addition to the individual final grades, the certificate also reflects the corresponding ECTS credit points.

Section 12

Academic title

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

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

Section 13

Effective date, transitional regulations

(1) These study and examination regulations come into force on 1 October 2016.

(2) The Faculty Council can establish general regulations or regulations specific to an individual case for the degree programme; the relevant Examination Committee can establish special regulations for examinations, insofar as this seems necessary in order to prevent hardship.

Note:

The provisions shown in red contained in the 1st amendment come into effect as of 1 October 2010.

The provisions shown in green contained in the 2nd amendment come into effect as of 1 October 2011. These apply to students who started their course in the 11/12 winter semester.

The provisions shown in blue contained in the 3rd amendment come into effect as of 1 October 2012. These apply to students who started their course in the 12/13 winter semester.

The provisions shown in dark red contained in the 4th amendment come into effect as of 1 October 2012. These apply to students who started their course in the 12/13 winter semester.

The provisions shown in purple contained in the 5th amendment come into effect as of 1 October 2013. These apply to students who started their course in the 13/14 winter semester.

The provisions shown in turquoise contained in the 6th amendment come into effect as of 1 October 2015. These apply to students who started their course in the 15/16 winter semester.

The provisions shown in orange contained in the 7th amendment come into effect as of 1 October 2016. These apply to students who started their course in the 16/17 winter semester.

The provisions shown in grey contained in the 8th amendment come into effect as of 1 October 2019. These apply to students who started their course in the 19/20 winter semester.

Produced on the basis of the resolution by the Senate of Rosenheim University of Applied Sciences of 25 June 2008 and the approval of the President of Rosenheim University of Applied Sciences.

Rosenheim, 1 August 2008

Prof. Dr.-Ing. Alfred Leidig
President

These rules were laid down on 1 August 2008 at Rosenheim University of Applied Sciences. This was published within the university on 1 August 2008. The publication date is therefore 1 August 2008.

Appendix 1 to the study and examination regulations for the joint Master's degree programme in Wood Technology

Table 1 Overview of modules and examinations

Modul Nr. No	Modulbezeichnung <i>Modules</i>	Leis- tungs- punkte CP	Art der Lehrver- anstal- tung 1) <i>Form of Course 1)</i>	Prüfungen 1) 2) <i>Examinaton 1) 2)</i>		Ergän- zende Re- gelungen 1) <i>Supplemen- tary regula- tions 1)</i>
				Art u. Dauer in Minuten <i>Type and Du- ration</i>	ZV	
1.	Module group „Math- ematics & Sciences“	15	SU, Ü, Pr, S	P	-	3)
2.	Module group „Skills for Manage- ment“	15	SU, Ü, Pr, S	P	-	3)
3.	Module group „Tech- nical compulsory module choice“	20	SU, Ü, Pr, S	P	-	4)
4.	Module group „General compulsory module choice“	10	SU, Ü, Pr, S	P	-	5)
5.	Master's Thesis	30	SU, Ü, Pr, S	MA, mdIP 45min		
		Total 90 CP				

- 1) Further details are regulated by the heads of the programmes pursuant to Section 6 in the study plan.
- 2) A minimum grade of "sufficient" for all significant examinations is required to successfully complete the programme.
- 3) The module group consists of modules of a professionally relevant catalog; this is determined in the study plan. From this catalog, modules amounting to at least 15 credit points must be taken.
- 4) The module group consists of modules of a professionally relevant catalog; this is determined in the study plan. From this catalog, modules amounting to at least 20 credit points must be taken.
- 5) The module group consists of modules of a professionally relevant catalog; this is determined in the study plan. From this catalog, modules amounting to at least 10 credit points must be taken.

2. Explanation of abbreviations

CP	=	ECTS credit points
MA	=	Master's thesis
mdIP	=	Oral examination
P	=	Examination
PStA	=	Coursework
S	=	Seminar
schrP	=	Written examination
SU	=	Seminar-based lectures
SWS	=	Hours per week per semester
TN	=	Proof of participation
Ü	=	Practical exercise
Pr	=	Work experience
ZV	=	Admission requirements.



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. Herbert Binggeli

President
Prof. Heinrich Köster

Director of the Departement
Architecture, Wood and Civil Engineering
Prof. Rene Graf

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

Seal / Siegel

Seal / Siegel

Bern, 12. April 2019

Rosenheim, 12. April 2019

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.