

Module: Abschluss/Graduation

Level	Master	Short Name	MT
Responsible Lecturers	Hahn, Martin, Prof. Dr.-Ing.		
Department, Facility	Mechanical Engineering and Business Administration		
Course of Studies	Mechanical Engineering, Master		
Compulsory/elective	Compulsory	ECTS Credit Points	25
Semester of Studies	3	Semester Hours per Week	
Length (semesters)	1	Workload (hours)	750
Frequency	(Flexible)	Presence Hours	
Teaching Language	English	Self-Study Hours	750

The following section is filled only if there is **exactly one** module-concluding exam.

Exam Type		Exam Language	
Exam Length (minutes)		Exam Grading System	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is **exactly one** module-concluding exam.

Consideration of Gender and Diversity Issues	<ul style="list-style-type: none"> ✓ Use of gender-neutral language (THL standard) ✗ Target group specific adjustment of didactic methods ✗ Making subject diversity visible (female researchers, cultures etc.)
Applicability	
Remarks	

Module Course: Master Thesis (Project)

(of Module: Abschluss/Graduation)

Course Type	Project Work	Form of Learning	Presence
Mandatory Attendance	no	ECTS Credit Points	22
Participation Limit		Semester Hours per Week	0
Group Size		Workload (hours)	660
Teaching Language	English	Presence Hours	0
Study Achievements ("Studienleistung", SL)		Self-Study Hours	660
SL Length (minutes)		SL Grading System	

The following section is filled only if there is a course-specific exam.

Exam Type	Thesis	Exam Language	English
Exam Length (minutes)		Exam Grading System	One-third Grades

Learning Outcomes	<p>In the scientific Master-Thesis the students show their ability to apply the scientific knowledge from their master studies on an industrial and/or a research-oriented project.</p> <p>They show especially that they</p> <ul style="list-style-type: none"> • can apply techniques of scientific work widely in their own research-related work. • can structure and work through a project in work packages independently. • can deepen their knowledge of a partially unknown field of work and work out the necessary information.
Participation Prerequisites	<ul style="list-style-type: none"> • Examination prerequisites according to the examination regulations for the study program Master of Science Mechanical Engineering • Coordination of the final assignment with the assigned advisor from the official teaching staff of the TH Lübeck. • Approval of the provided assignment prior to the start of the Master-Thesis by the examination board of the department.

The previous section is filled only if there is a course-specific exam.

Contents	<p>The contents of the Master-Thesis follow the given, special assignment. The thesis should contain at least the following elements:</p> <ul style="list-style-type: none"> • Introduction • State of the art • Analysis, scope and approach • Concept for realization and implementation • Critical views on results • Conclusion and future prospects
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The executed work is put down in a scientific documentation (Master-Thesis). The above-mentioned elements should be considered in an adequate manner. The typical length of a thesis is about 50 to 80 pages without annex.

Literature	Literature related to the given project task.
Remarks	

Module Course: Abschlusskolloquium/Final Colloquium

(of Module: Abschluss/Graduation)

Course Type	Project Work	Form of Learning	Presence
Mandatory Attendance	no	ECTS Credit Points	3
Participation Limit		Semester Hours per Week	0
Group Size		Workload (hours)	90
Teaching Language	English	Presence Hours	0
Study Achievements ("Studienleistung", SL)		Self-Study Hours	90
SL Length (minutes)		SL Grading System	

The following section is filled only if there is a course-specific exam.

Exam Type	Colloquium	Exam Language	English
Exam Length (minutes)	60	Exam Grading System	One-third Grades

Learning Outcomes	<p>The students are able to</p> <ul style="list-style-type: none"> • present a scientific task to a professional audience in a structured, understandable and accurate way, both orally and in writing. • answer questions in a professional discussion competently and at the same time in a way that is appropriate for the target group and to represent their own assessments convincingly.
Participation Prerequisites	<ul style="list-style-type: none"> • The Master-Thesis must have been handed in in time and must have been graded at least with passed (ausreichend). • Successful completion (at least passed) of all other teaching modules.

The previous section is filled only if there is a course-specific exam.

Contents	<p>The colloquium finalizes the graduation, is reviewed and evaluated by the examiners of the thesis together and includes two parts:</p> <ul style="list-style-type: none"> • A presentation (appr. 20 minutes) of the contents and the major results of the master thesis. • An oral discussion/exam related to the written master-thesis, the presentation and the study program
Literature	Literature related to the given project task.
Remarks	