TECHNISCHE HOCHSCHULE LÜBECK

Module: Applied Research

Level	Master	**Short Name**	Research
Responsible Lecturers	Head of degree program, supervising professor		
Department, Facility	Applied Natural Sciences		
Course of Studies	(Unspecified)		
Compulsory/elective	Elective	**ECTS Credit Points**	12
Semester of Studies	(Unspecified)	**Semester Hours per Week**	
Length (semesters)	1	**Workload (hours)**	360
Frequency	SuSe and WiSe	**Presence Hours**	360
Teaching Language	German/English	**Self-Study Hours**	

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	After successfully completing the module, students will be able to research as specified in the learning agreement. Typical learning outcomes are: • Independently plan and conduct research projects in the field of study in the degree program • Analyze complex data and draw scientifically sound conclusions • Present and discuss research results professionally • Communicate and collaborate effectively in interdisciplinary teams • Critically reflect on their work and consider ethical aspects of research
Participation Prerequisites	Milestone-based learning agreement between student and supervising professor must be approved by head of degree program before start of work.

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

Consideration of Gender and Diversity Issues	✔ Use of gender-neutral language (THL standard) ✔ Target group specific adjustment of didactic methods ✘ Making subject diversity visible (female researchers, cultures etc.)
Applicability	
Remarks	The learning agreement between student and supervising professor must include: • Specific research competencies that are aimed for (e.g. statistical analysis of experimental data) • Planned input (e.g. participation in seminars for statistical software use) • Planned research output (e.g. research report on the findings)

	• Requirements of learning report to reflect learning process and research practices (e.g. 10 pages written report) 12 CP are equivalent to a workload of 15 hours project work per week during the course of one full semester (24 weeks).

Module Course: Applied Research

(of Module: Applied Research)

Course Type	Project Work	**Form of Learning**	Presence
Mandatory Attendance	no	**ECTS Credit Points**	12
Participation Limit		**Semester Hours per Week**	
Group Size		**Workload (hours)**	360
Teaching Language	German/English	**Presence Hours**	360
Study Achievements ("Studienleistung", SL)	(Flexible)	**Self-Study Hours**	0
SL Length (minutes)		**SL Grading System**	Pass

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

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

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

Contents	• Participating in a research project in the field of study of the degree program • Applying scientific methods to collect and analyze data • Interdisciplinary collaboration in research teams • Research project management and research data management • Research project applications
Literature	
Remarks	