Module Management

Module Name: Management

Module Number	**X4M 2200**	Level	Master	Short Name	M
Responsible Lecturers	Prof. Dr.-Ing. Stephan Klein				
Department, Facility	THL, Applied Natural Sciences and UzL				
Course of Studies	Biomedical Engineering, Master				
Compulsory/elective	Compulsory	ECTS Credit Points	4		
Semester of Studies	2	Semester Hours per Week	4		
Length (semesters)	1	Workload (hours)	120		
Frequency	SuSe	Presence Hours	50		
Teaching Language	English	Self-Study Hours	70		
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	Biomedical Engineering				
Remarks	The students shall be enabled to contribute to the development of medical products according to relevant standards. The students shall know about development processes in medical technology and manage these processes according to their professional experience. The students shall be able report and present results of their scientific project.				

Module Management

Module Scientific Writing

Course 1: Scientific Writing, Project

Course Number		Short Name	SW
Course Type	Project	Form of Learning	Presence
Mandatory Attendance	☒	ECTS Credit Points	2
Participation Limit	None	Semester Hours per Week	2
Group Size (practical training, exercises, …)	None	Workload (hours)	60
Teaching Language	English	Presence Hours	25
Study Achievements („Studienleistung", SL)	None	Self-Study Hours	35
SL Length (minutes)	n. a.	SL Grading System	n. a.
Exam Type	Written xam	Exam Language	English
Exam Length (minutes)	60	Exam Grading System	One-third Grades
Learning Outcomes	• The students are able to plan and structure a research project • The students are able to execute a literature research • The students are able to write a paper according to the standards of a scientific publication		
Participation Prerequisites	None		
Contents	• Systematic structure of a research project • Typical structures of scientific and technical manuscripts • Writing style and "good practices" • Literature research (methods, sources, databases) • Formatting / citation standards • Finding the right Journal for Publication • Peer review process • Writing, editing and peer review exercises in small group • Preparing a presentation		
Literature	?		
Remarks	None		

Module Management

Module Management Elective

Course 2: <Elective>

Course Number		Short Name	n. a.
Course Type		Form of Learning	Presence
Mandatory Attendance	☒	ECTS Credit Points	2
Participation Limit	n. a.	Semester Hours per Week	2
Group Size (practical training, exercises, …)	n. a.	Workload (hours)	60
Teaching Language	English	Presence Hours	25
Study Achievements („Studienleistung", SL)	Lab report	Self-Study Hours	35
SL Length (minutes)	n. a.	SL Grading System	One-third Grades
Exam Type	n. a.	**Exam Language**	n. a.
Exam Length (minutes)	n. a.	**Exam Grading System**	n. a.
Learning Outcomes	n. a.		
Participation Prerequisites	None		
Contents	n. a.		
Literature	n. a.		
Remarks	None		