



Number of module	Name of module	Lecturer
BIWO-07	Application of Computational Methods in Engineering	Prof. Kaliske
Content and qualification aim	Module content involves selected topics in civil engineering, materials science and computational mechanics. After having finished the module successfully students master applications of computational modelling and means of structural strengthening.	
Type of course	4 hours of lectures per week, and self-study	
Requirements for study	Interdisciplinary methodological competence from module BIWO-06	
Practical use of the module	Obligatory module in the Master's programme: Advanced Computational and Civil Engineering Structural Studies.	
Requirements for the award of credits	The credits are awarded if the module examination is successfully passed. The module examination consists of a written examination (120 min).	
Credits and grades	6 credits can be acquired for this module. The grade is the grade of the written examination.	
Frequency of module	The module is offered every academic year (winter semester).	
Workload	The workload is 180 working hours.	
Duration of the module	1 semester	
Recommended literature		