

Appendix 2
Curriculum plan

with type and SWS of classes (SWS: contact hours per week per semester) and also required assessments the type, workload and details of which are given in the module descriptions

module no.	module name	1. semester	2. semester	3. semester	4. semester	credits
		V/Ü/M	V/Ü/M	V/Ü/M	V/Ü/M	
BIWO-01	Building Materials	4/2/0 PL				8
BIWO-02	Continuum Mechanics, Tensor Analysis	4/2/0 2PL				8
BIWO-03	Energy Methods, FEM	4/2/0 2 PL				8
BIWO-04	Numerical Methods	2/2/0 2 PL				4
BIWO-05	Mentoring Programme on Academic Competence	0/0/2 PL				2
BIWE-01*	Structural Analysis of Reinforced Concrete Structures Calculation and Structural Analysis of Masonry Structures Timber and Lightweight Structures Glass Structures Computer-Oriented Methods for Reinforced Concrete Load-Bearing Structures Building Physics Multiscale Methods Numerical Dynamics		2/1/0 PL			4
BIWE-02*			2/1/0 PL			4
BIWE-03*			2/1/0 PL			4
BIWE-05*			2/1/0 PL			4
BIWE-06*			2/1/0 PL			4
BIWE-07*			2/1/0 PL			4
BIWE-08*			2/1/0 2PL			4
BIWE-09*			2/1/0 PL			4
BIWE-09*			2/1/0 2 PL			4

BIWE-10*	Modelling of Road Structures for Dimensioning and Forecast Calculations					
BIWE-11*	Cable-Stayed Bridges		2/1/0 PL			4
BIWE-12*	Safety Concepts		2/1/0 2 PL			4
BIWE-13*	BIM-Based Virtual Engineering Laboratory		2/1/0 PL			4
BIWE-14*	Material Models for Soils		2/1/0 2 PL			4
BIWO-06	Mentoring Programme on Methods Competence		0/0/2 PL			2
BIWO-07	Applications of Computer-Oriented Engineering Methods			4/0/0 PL		6
BIWO-08	Application-Oriented Research Project			0/0/0 project and seminar with a total of 560 hours PL		24
					Master's thesis	27
					colloquium	3
credits		30	30	30	30	120

* alternatively (7 out of 13)

V lecture
Ü tutorial

M Mentoring
PL examinations