

institute	lecture number	title	type	semester hours	ECTS	
					fall semester	spring semester
Mechanics of Materials and Structures	202.024	Engineering biochemoporomechanics	UE	2,0		2,0
	202.051	Advanced Macro- & Micromechanics of Materials	VO	2,5		3,5
	202.052	Advanced Macro- & Micromechanics of Materials	UE	1,0		1,0
	202.649	Multiscale Modelling	VO	2,0		3,0
	202.650	Multiscale Material Modelling	UE	2,0		2,0
	202.019	Engineering Biochemoporomechanics	VO	2,0	3,0	
	202.054	Computational Material Modelling	VU	2,5	3,0	
	202.064	Computational Biomaterials and Biomechanics	VU	2,0	3,0	
Building Construction and Technology	206.321	Glass and Glass Materials	VO	2,0		3,0
	new	Refurbishment of buildings	VO	2,0	3,0	
	206.092	Welding Technology With Excursion	SE	3,0	3,0	
	206.150	Structural Optimization	VU	2,0		3,0
	206.263	Nonlinear Dynamics - Numerics and Animation	VU	2,0		3,0
Structural Eng.	new	Design of Concrete Bridges	VU	3,0		4,0
	Geotechnics	220.015	Finite-Difference Models in Geoengineering	VU	2,0	2,5
203.110		Underground excavation design	SE	1,5	1,5	
220.019		Stability problems in rock engineering	SE	1,5	1,5	
220.020		Geosynthetics in Civil Engineering	VO	1,5		2,5
220.013		Soil Dynamics	VO	0,5	1,0	
Hydraulic Eng.	222.531	Integrated water resources analyses based on selected case studies	VO	1,5		2,5
	222.146	Modelling and simulation methods in water resource systems	VO	1,0		1,5
	222.562	Fluid Dynamical Systems	VU	2,0	3,0	
Water Quality, Resources and Waste Management	224.323	Ecology	SE	2,0	2,0	
	224.022	Excursion: Water Quality Management	EX	1,0		1,0
	224.290	water pollution control and the protection of waters	VO	1,5		2,3
	166.224	Health related water quality targets and urban water management	VO	1,5		2,3
	225.035	Resource Management	VU	2,5	3,0	
Transportation	225.031	Scientific Evaluation Methods in Resource Management	VU	2,5		3,0
	231.001	Training college on transport planning	SE	2,0	2,0	
	231.013	Seminar on transport planning	SE	2,0		2,0
	231.027	National and European Transport Policy	VO	2,0	1,5	
	231.946	Fundamentals of traffic planning	SE	2,0	3,5	
	230.025	Road Engineering Materials	VO	1,5		2,0
	230.024	Road Pavement Engineering	VO	2,0		3,0
	230.012	Road Maintenance and Infrastructure Management	VO	2,0	3,0	
	232.038	Projectseminar Public Transport	SE	3,0	3,0	
	232.005	High performance railway engineering	SE	2,0		2,0
Construction Process Management	232.010	Public Transport	SE	2,0		2,0
	234.116	International Construction Project Management	SE	2,0		2,0*
	234.112	Strategies for Sustainable Planning	SE	2,0	2,0	
	234.985	Lifecyclecosts and -analysis	SE	2,0		2,0*
	235.023	Project Development	VO	2,0		3,0*
C.E. Computer Center	234.990	Industrial Risk Management	SE	2,0	2,0*	
	242.016	Presentations I	SE	3,0	3,0	

* biennial