

# Master's Programme 2021

## Sustainable Urban Development (M.Sc.)



### Studien- und Prüfungsplan (Anhang I): Admitted at TU Darmstadt

Explanation of abbreviations	Information on the examination	Course			Semester													
		Technical examination (Fachprüfung*)	Study examination (Studentenleistung*)	Examination type														
Evaluation system (referring to technical examinations and study examinations*)	St=graded (Standard); b/nb=passed/not passed (bestanden/nicht bestanden) *technical examinations: only two retakes possible study examinations: unlimited number of retakes possible				The assignment of examinations to semesters is of a recommendatory nature.													
Examination type	B=Report (Bericht), H=Homework assignment (Hausarbeit), HÜ=Homework, worksheets (Hausübungen, Arbeitsblätter), K=Written exam (Klausur), mP=Oral examination (mündliche Prüfungsleistung), Pt=Presentation (Präsentation), Th=Thesis																	
Status	o=obligatory (obligatorisch); f=mandatory (fakultativ)				Workload per semester (Credit Points; CP) WS   S   WS   S													
Teaching type	S=Seminar																	
CP	Credit Points				1. 2. 3. 4.													
TUCaN-No. and assignment of CPs to module components have informative character. The CP will be credited after completion of the module.																		
<b>Basic Courses</b>																		
13-B2-J001	German Law of Property and Planning	St	K	90	1	1	4	o	S	12	18							
13-B2-J001-se	German Law of Property and Planning						4	o	S			6	6					
13-B2-J002	Methodology of Empirical Analysis	St	H		1	1	4	o	S			6	6					
13-B2-J002-se	Methodology of Empirical Analysis		bnb	Pt		0												
13-B2-J003	GIS and Applications to Urban Development	St	K	90	1	1	4	o	S			6	6					
13-B2-J003-se	Basics of GIS		bnb	HÜ		0												
13-B2-J004-se	Using GIS for Urban Analysis						2	o	S									
<b>Main Courses</b>																		
13-02-J001	Urban Development and Architecture of Cities	St	mP	20	1	1	4	o	S	40	48	6	6					
13-B2-J005-se	Urban Structures		bnb	Pt		0												
13-M4-J001-se	Typology of Buildings						2	o	S									
13-02-J004	Water in Urban Development	St	K	90	1	1	4	o	S			6	6					
13-K0-J001-se	Sanitary Environmental Engineering						2	o	S									
13-L2-J001-se	Hydraulic Engineering						2	o	S									
13-K3-J021	Sustainable Waste Management and Life Cycle Assessment Application	St	K	90	1	1	4	o	S			0	6					
13-K3-0021-vl	Sustainable Waste Management and LCA Application		bnb	Pt		0												
13-K3-0021-ue	Sustainable Waste Management and LCA Application - Exercise						2	o	VL									
13-K4-M007	Infrastructure Planning	St	K	120	1	1	4	o	S			6	6					
13-B2-J006-se	Economic Assessment Methods		bnb	HÜ		0												
13-B2-J007-se	Systems of Infrastructure						2	o	S									
13-EX-J001	Ecological Management in Urban Development						1					6						
		St	Pt		10													
		St	K	120	70													
		St	H		20													
/.	Ecological Management in Urban Development							o	S									
13-EX-J002	Urban Rural Partnerships						1					6						
		St	Pt		10													
		St	K	120	70													
		St	H		20													
/.	Urban Rural Partnerships							o	S									
13-EX-J003	Instruments of Spatial Planning						1					6						
		St	Pt		20													
		St	K	120	60													
		St	H		20													
/.	Instruments of Spatial Planning							o	S									
13-EX-J004	Urban Transport Planning						1					6						
		St	Pt		30													
		St	B		70													
/.	Urban Transport Planning							o	S									
<b>Specialization Courses</b>																		
13-D1-M008	Green Building Design II	St	B+Pt	15	1	1	4	o	S	14	18	6	6					
			bnb	HÜ		0												
13-D1-0017-vl	Green Building Design II						1	o	VL									
13-D1-0018-ue	Green Building Design II - Exercise						3	o	Ü									
13-A0-J001	Urban Construction Technologies	St	K	120	1	1	4	o	S			6	6					
13-A0-J001-se	Urban Construction Technologies																	
13-EX-J005	Development Planning and Governance						1					6						
		St	Pt		25													
		St	mP/K	20 / 120	50													
		St	H		25													
/.	Development Planning and Governance							o	S									
<b>Multidisciplinary Courses</b>																		
41-21-0552	English Scientific Writing		St	Pf/Pt		1	1	4	o	S	10	12	6	6				
41-21-0550-ku	English Scientific Writing																	
13-EX-J007	Multidisciplinary Project	St	mP	20	1	1	6	o	S			6						
			bnb	H		0												
MASTER THESIS (24 CP)		St	Th				80					24						
13-00-MTSU		St	mP	40			20											
<b>Summe</b>																		
												120	30	30	33	27		