

# 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 (Studienleistung*)	Examination type	Contact hours per week (Semesterwochenstunden; SWS)	Status	Teaching type	CP in total	1.	2.	3.	4.	
Evaluation system (referring to technical examinations and study examinations*)	St=graded (Standard); b/nb=passed/not passed (bestanden/nicht bestanden)								The assignment of examinations to semesters is of a recommendatory nature.				
Examination type	*technical examinations: only two retakes possible *study examinations: unlimited number of retakes possible								Workload per semester (Credit Points; CP)				
Status	o=obligatory (obligatorisch); f=mandatory (fakultativ)												
Teaching type	S=Seminar												
CP	Credit Points												
TUCaNo. 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			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					6	6
13-B2-J002-se	Methodology of Empirical Analysis		bnb	Pt									
13-B2-J003	GIS and Applications to Urban Development	St	K	90	1	1	4					6	6
13-B2-J003-se	Basics of GIS		bnb	HÜ									
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			40	48		
13-B2-J005-se	Urban Structures		bnb	Pt									
13-M4-J001-se	Typology of Buildings						2	o	S				
13-02-J004	Water in Urban Development	St	K	90	1	1	4					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					0	6
13-K3-0021-vl	Sustainable Waste Management and LCA Application		bnb	Pt									
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					6	6
13-B2-J006-se	Economic Assessment Methods		bnb	HÜ									
13-B2-J007-se	System of Infrastructure						2	o	S				
13-EX-J001	Ecological Management in Urban Development						2	o	S				
13-EX-J002	Urban Rural Partnerships	St	Pt	10			6					6	6
13-EX-J003	Instruments of Spatial Planning	St	K	120	70								
13-EX-J004	Urban Transport Planning	St	H	20									
13-EX-J005	Development Planning and Governance	St	Pt	25			6					6	6
13-EX-J006	Urban Rural Partnerships	St	K	120	70								
13-EX-J007	Instruments of Spatial Planning	St	H	20									
13-EX-J008	Urban Transport Planning	St	Pt	30			6					6	6
13-EX-J009	Urban Transport Planning	St	B	70									
<b>Specialization Courses</b>													
13-D1-M008	Green Building Design II	St	B+Pt	15	1	1	4			14	18		
13-D1-0017-vl	Green Building Design II		bnb	HÜ									
13-D1-0018-ue	Green Building Design II - Exercise						1	o	VL				
13-A0-J001	Urban Construction Technologies	St	K	120	1	1	4					6	6
13-A0-J001-se	Urban Construction Technologies												
13-EX-J005	Development Planning and Governance	St	Pt	25			6					6	6
13-EX-J006	Urban Rural Partnerships	St	mP/K	20 / 120	50								
13-EX-J007	Instruments of Spatial Planning	St	H	25									
<b>Multidisciplinary Courses</b>													
41-21-0552	English Scientific Writing		St	Pf/Pt		1	4			10	12		
41-21-0550-ku	English Scientific Writing												
13-B2-J004	Multidisciplinary Project	St	mP	20	1	1	6					6	6
13-B2-J008-se	Multidisciplinary Project		bnb	H									
MASTER THESIS (24 CP)		St	Th			80						24	24
13-00-MTSU		St	mP	40		20							
<b>Summe</b>													