

# Master's Programme 2021

## Sustainable Urban Development (M.Sc.)

### Study and Examination plan (Annex I): Students admitted at VGU



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

Explanation of abbreviations	Information on the examination	Course	Semester														
			1.	2.	3.	4.											
Evaluation system (referring to technical examinations and study examinations*)	St= graded (Standard); bnb= passed/not passed (bestanden/nicht bestanden)		The assignment of examinations to semesters is of a recommendatory nature.														
Examination type	*technical examinations: limited number of repetitions (two retakes) study examinations: unlimited number of repetitions		Workload per semester (Credit Points; CP)														
Status	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		1. 2. 3. 4.														
Teaching type	o=obligatory (obligatorisch); f=mandatory (fakultativ)																
CP	S=Seminar																
	Credit Points																
TUCaN-No. and assignment of CPs to module components have informative character. The CP will be credited after completion of the module.																	
		Technical examination (Fachprüfung*)	Study examination (Studienleistung*)	Examination type	Duration (min)	Weighting for module grade	Weighting for overall grade	Contact hours per week (Semesterwochenstunden; SWS)	Status	Teaching type	CP in total						
<b>Basic Courses</b>												<b>16</b>	<b>18</b>				
13-EX-J006	Vietnamese Law of Property and Planning			mP/K	20 / 120	50	1	4			6	6					
		St		Pt		25											
		St		H		25											
/.	Vietnamese Law of Property and Planning								o	S		x					
13-B2-J002	Methodology of Empirical Analysis						1	6			6	6					
		St		H		60											
		St		Pt		40											
13-B2-J002-se	Methodology of Empirical Analysis								o	S		x					
13-B2-J003	GIS and applications to urban development						1	6			6	6					
		St		K	120	70											
		St		H		30											
13-B2-J003-se	Basics of GIS							2	o	S		x					
13-B2-J004-se	Using GIS for urban analysis							2	o	S		x					
<b>Main Courses</b>												<b>42</b>	<b>48</b>				
13-02-J001	Urban Development and Architecture of Cities	St		mP/K	20 / 120	1	1	6			6	6					
			bnb	H		0											
			bnb	Pt		0											
/.	Urban Development of Architecture of Cities								o	S		x					
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				x			
13-L2-J001-se	Hydraulic Engineering							2	o	S				x			
13-K3-J021	Sustainable Waste Management and Life Cycle Assessment Application	St		K	90	1	1	4			0		6				
			bnb	Pt		0											
13-K3-0021-vl	Sustainable Waste Management and LCA Application							2	o	VL				x			
13-K3-0021-ue	Sustainable Waste Management and LCA Application - Exercise							2	o	Ü				x			
13-K4-M007	Infrastructure Planning	St		K	120	1	1	4			6		6				
			bnb	HÜ		0											
13-B2-J006-se	Economic Assessment Methods							2	o	S				x			
13-B2-J007-se	Systems of Infrastructure							2	o	S				x			
13-EX-J001	Ecological Management in Urban Development						1	6			6				6		
		St		Pt		10											
		St		K	120	70											
		St		H		20											
/.	Ecological Management in Urban Development								o	S					x		
13-EX-J002	Urban Rural Partnerships						1	6			6				6		
		St		Pt		10											
		St		K	120	70											
		St		H		20											
/.	Urban Rural Partnerships								o	S					x		
13-EX-J003	Instruments of Spatial Planning						1	6			6				6		
		St		Pt		20											
		St		K	120	60											
		St		H		20											
/.	Instruments of Spatial Planning								o	S					x		
13-EX-J004	Urban Transport Planning						1	6			6				6		
		St		Pt		30											
		St		B		70											
/.	Urban Transport Planning								o	S					x		
<b>Specialization Courses</b>												<b>14</b>	<b>18</b>				
13-D1-M008	Green Building Design II	St		B+Pt	15	1	1	4			6		6				
			bnb	HÜ		0											
13-D1-0017-vl	Green Building Design II							1	o	VL				x			
13-D1-0018-ue	Green Building Design II - Exercise							3	o	Ü				x			
13-A0-J001	Urban Construction Technologies	St		K	120	1	1	4			6		6				
13-A0-J001-se	Urban Construction Technologies								o	S				x			
13-EX-J005	Development Planning and Governance						1	6			6				6		
		St		Pt		25											
		St		mP/K	20 / 120	50											
		St		H		25											
/.	Development Planning and Governance								o	S					x		
<b>Multidisciplinary Courses</b>												<b>12</b>	<b>12</b>				
41-21-0552	English Scientific Writing						1	6			6	6					
		St		H		65											
		St		Pt		35											
41-21-0550-ku	English Scientific Writing								o	S		x					
13-EX-J007	Multidisciplinary Project	St		mP	20	1	1	6			6			3	3		
			bnb	H		0											
/.	Multidisciplinary Project								o	S					x	x	
<b>MASTER THESIS (24 CP)</b>												<b>80</b>	<b>24</b>				
13-00-MTSU		St		Th												24	
		St		mP	40		20										
<b>Summe</b>												<b>120</b>	<b>30</b>	<b>30</b>	<b>33</b>	<b>27</b>	