

Urban Metabolism and Resources

ACE155

Schedule 2021

Architecture and Civil Engineering

Chalmers University of Technology

Teachers: LR – Leonardo Rosado, DJE – Divia Jimenez Encarnacion, JEC - Jonathan Edgardo Cohen, SR – Sébastien Rauch

Moments in red and submissions are compulsory to all students. If you for some reason cannot join, please e-mail DJE and LR.

Week	Day	Time	#	Title	Room	Lecturers
44	Mon 01 Nov	08:00 – 08:45	L00	Course overview	SB-H5	LR
		08:45 – 09:00		Break		
		09:00 – 09:45	L01	Assignments descriptions	SB-H5	All teachers
		09:45 – 10:00		Break		
		10:00 – 10:45	L02	Urban Metabolism trends	SB-H5	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L03	Urban Metabolism framework	SB-H5	LR
	Tue 02 Nov	12:00		Select group project	Canvas	
	Wed 03 Nov	10:00 – 10:45	L04	Economy-wide MFA method	SB-H7	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L04	Economy-wide MFA method	SB-H7	LR
		13:15 – 15:00	W01	Material Flow Accounting	SB-H2	LR
		15:15 – 17:00		Individual time		
45	Mon 08 Nov	08:00 – 08:45	W02	Circular Economy strategies	SB-H3	LR
		08:45 – 09:00		Break		
		09:00 – 09:45	W02	Circular Economy strategies	SB-H3	LR
		09:45 – 10:00		Break		
		10:00 – 10:45	L05	Sharing Economy	SB-H3	DJE
		10:45 – 11:00		Break		
		11:00 – 11:45	L05	Sharing Economy	SB-H3	DJE
	Tue 09 Nov	17:00		W01 assignment submission	Canvas	
	Wed 10 Nov	10:00 – 10:45	L06	Environmental Hotspots	SB-H7	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L06	Environmental Hotspots	SB-H7	LR
		13:15 – 15:00	W03	Input-output methods	SB-H4	LR
		15:00 – 15:15		Break		
		15:15 – 17:00		Group project consultation	SB-L308, SB-L516	All teachers
46	Mon 15 Nov	08:00 – 08:45	L07	Urban water resource management	SB-H3	SR
		08:45 – 09:00		Break		
		09:00 – 09:45	L07	Urban water resource management	SB-H3	SR
		09:45 – 10:00		Break		
		10:00 – 11:45	W04	Urban water resource management	SB-H3	SR
		17:00		Submit Statement of Intent	Canvas	
	Tue 16 Nov	17:00		W02 and W03 assignment submission	Canvas	
	Wed 17 Nov	10:00 – 11:45	L08	Industrial Symbiosis	EF	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L08	Industrial Symbiosis	EF	LR
		13:15 – 15:00		Group project consultation	SB-L285, SB-L408	All teachers
		15:15 – 17:00		Individual time		

Week	Day	Time	#	Title	Room	Lecturers
47	Mon 22 Nov	08:00 – 09:45		Individual time		
		10:00 – 10:45	L09	Entity-Relationship model	SB-H3	JEC
		10:45 – 11:00		Break		
		11:00 – 11:45	L09	Entity-Relationship model	SB-H3	JEC
		17:00		Submit Report Draft 1	Canvas	
	Tue 23 Nov	17:00		W04 assignment submission	Canvas	
	Wed 24 Nov	10:00-11:45	W05	Introduction to GIS	SB-H3	JEC
		13:15 – 15:00		Group project consultation	KS31, KS32	All teachers
		15:15 – 17:00		Individual time		
48	Mon 29 Nov	08:00 – 08:45	L10	Strategic literature search	SB-H3	DJE
		08:45 – 09:00		Break		
		09:00 – 09:45	L10	Strategic literature search	SB-H3	DJE
		09:45 – 10:00		Break		
		10:00 – 11:45	W06	Urban Metabolism literature search	SB-H3	DJE
		17:00		Submit Report Draft 2	Canvas	
	Tue 30 Nov	17:00		W05 assignment submission	Canvas	
	Wed 01 Dec	10:00 – 11:45		Individual time		
		13:15 – 15:00		Group project consultation	SB-L316, SB-L516	All teachers
		15:15 – 17:00		Individual time		
49	Mon 06 Dec	08:00 – 11:45		Individual time		
		17:00		Submit Report Draft 3	Canvas	
	Tue 07 Dec	17:00		W06 assignment submission	Canvas	
	Wed 08 Dec	10:00 – 11:45		Group project consultation	SB-L227, SB-L516	All teachers
		13:15 – 17:00		Individual Assignment consultation	TBA	LR
50	Mon 13 Dec	08:00 – 11:45		Individual time		
	Wed 15 Dec	10:00 – 11:45		Group project presentation	KS41	
		15:15 – 17:00		Group project presentation	SB-L316	
	Fri 17 Dec	17:00		Submit group reports and presentation	Canvas	
01	Fri 14 Jan	17:00		Submit Individual Assignment	Canvas	