

Infrastructure and urban systems
ACE095
Schedule 2020

Architecture and Civil Engineering

Chalmers University of Technology

Teachers: LR – Leonardo Rosado; SR – Sébastien Rauch; DJ – Divia Jiménez; ALW – Alexandra Lavers Westin; MA – Marco Adelfio; AK – Anna Kaczorowska

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

All lectures will be online. For every 45 minutes of lecture, a 20 minutes slot of pre-recorded lecture and a 25 minutes questions and answers slot will be made available. Breakout rooms for students to discuss questions raised in the pre-recorded lecture will also be created to discuss in groups.

Supervision sessions will be onsite for groups of students that wish to do so.

Week	Day	Time	#	Title	Room	Lecturers
36	Wed 02 Sep	10:00 – 10:45	L00	Course overview	Zoom	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L00	Course overview	Zoom	LR
		13:15 – 14:00	L01	Cities as complex systems	Zoom	LR
		14:00 – 14:15		Break		
		14:15 – 15:00	L02	Get to know each other	Zoom	LR, SR, DJ
		15:15 – 17:00		Individual time		
37	Mon 07 Sep	08:00 – 09:45		Individual time		
		10:00 – 10:45	L03	Future infrastructure development challenges	Zoom	AK
		10:45 – 11:00		Break		
		11:00 – 11:45	L03	Future infrastructure development challenges	Zoom	AK
	Wed 09 Sep	10:00 – 10:45	L04	Infrastructure development case study	Zoom	LR
		10:45 – 11:00		Break		
		11:00 – 11:45	L05	Group project description	Zoom	LR
		13:15 – 17:00		Individual time		
		17:00		Choose Topic for Group Project	Canvas	
	Fri 11 Sep	17:00		Groups defined	Canvas	
38	Mon 14 Sep	08:00 – 08:45	L06	Urban Water Management	Zoom	SR
		08:45 – 09:00		Break		
		09:00 – 09:45	L06	Urban Water Management	Zoom	SR
		09:45 – 10:00		Break		
		10:00 – 10:45	L07	Waste planning and management	Zoom	LR
		10:45 – 11:00		Break		
	Wed 16 Sep	11:00 – 11:45	L07	Waste planning and management	Zoom	LR
		10:00 – 11:45		Individual time		
		13:15 – 14:00	L08	Transportation planning and management	Zoom	SR
		14:00 – 14:15		Break		
		14:15 – 15:00	L08	Transportation planning and management	Zoom	SR
		15:15 – 17:00		Individual time		
	Thu 17 Sep	17:00		Submit preparation for group project document	Canvas	
	Fri 18 Sep	17:00		Submit in-lecture exercises (L06 and L07)	Canvas	
39	Mon 21 Sep	08:00 – 11:45		Group project consultation	SB-L208, SB-L216, Zoom	LR, SR, DJ
	Tue 22 Sep	17:00		Submit in-lecture exercise (L08)	Canvas	
	Wed 23 Sep	10:00 – 10:45	L09	Wicked problems and infrastructure	Zoom	ALW
		10:45 – 11:00		Break		
		11:00 – 11:45	L09	Wicked problems and infrastructure	Zoom	ALW
		13:15 – 14:00	L10	Qualitative analysis	Zoom	LR
		14:00 – 14:15		Break		
		14:15 – 15:00	L10	Qualitative analysis	Zoom	LR
		15:15 – 17:00		Individual time		

Week	Day	Time	Title	Room	Lecturers
40	Mon 28 Sep	08:00 – 09:00	Individual time		
		09:00 – 09:45	L11 Multi-stakeholder theories and methods	Zoom	MA
		09:45 – 10:00	Break		
		10:00 – 10:45	L11 Multi-stakeholder theories and methods	Zoom	MA
		10:45 – 11:00	Break		
		11:00 – 11:45	L12 Individual assignment guidelines	Zoom	LR
		17:00	Submit group project draft presentation	Canvas	
	Tue 29 Sep	17:00	Submit in-lecture exercise (L10)	Canvas	
	Wed 30 Sep	10:00 – 11:45	Group project consultation	SB-L227, SB-L285, Zoom	LR, SR, DJ
		13:15 – 15:00	Group project consultation	SB-L227, SB-L285, Zoom	LR, SR, DJ
		15:15 – 17:00	Individual time		
	Fri 02 Oct	17:00	Submit in-lecture exercise (L11)	Canvas	
41	Mon 05 Oct	08:00 – 08:45	L13 Social network analysis	Zoom	LR
		08:45 – 09:00	Break		
		09:00 – 09:45	L13 Social network analysis	Zoom	LR
		09:45 – 10:00	Break		
		10:00 – 10:45	L14 Systems thinking in infrastructure development	Zoom	LR
		10:45 – 11:00	Break		
		11:00 – 11:45	L15 Writing reports guidelines	Zoom	LR
	Wed 07 Oct	10:00 – 11:45	Group project presentation	SB-L285, Zoom	LR, SR, DJ
		13:15 – 15:00	Group project presentation	SB-L285, Zoom	LR, SR, DJ
		15:15 – 17:00	Individual time		
		17:00	Submit group project final presentation and report	Canvas	
	Fri 09 Oct	17:00	Submit in-lecture exercise (L13)	Canvas	
42	Mon 12 Oct	08:00 – 10:00	Individual time		
		10:00 – 10:45	L16 Exercises discussion	Zoom	LR
		10:45 – 11:00	Break		
		11:00 – 11:45	L16 Exercises discussion	Zoom	LR
	Wed 14 Oct	10:00 – 11:45	Individual Assignment consultation	SB-L227, SB-L285, Zoom	LR, SR, DJ
		13:15 – 15:00	Individual Assignment consultation	SB-L227, SB-L285, Zoom	LR, SR, DJ
		15:15 – 17:00	Individual time		
	Fri 16 Oct	17:00	Submit draft individual assignment	Canvas	
	Mon 19 Oct	08:00 – 11:45	Individual time		
		10:00 – 11:45	Individual Assignment consultation	SB-G512, SB-S515, Zoom	LR, SR, DJ
	Wed 21 Oct	13:15 – 17:00	Individual Assignment consultation	SB-G512, SB-S515, Zoom	LR, SR, DJ
	Wed 28 Oct	17:00	Submit final Individual Assignment	Canvas	