



SMART CITIES – summer course

July 22, 2019 – August 8, 2019

4 Credits (minimum 52 academic hours)

Instructor: Dr. Ronit Purian

Urbanization is inextricably tied to global challenges ranging from climate change and sustainable use of energy to social justice and wellbeing. The course will cover the various theoretical and the practical aspects in class, labs, and meetings with managers, entrepreneurs and researchers.

Sun	Mon	Tue	Wed	Thu
21	22	23	24	25 (study at TAU)
	9:00-10:30 Dr. Ronit Purian 10:30-12:00 Michelle Specktor – IPgallery	9:00-10:30 Avi Nachmias – Axilion Smart Mobility 10:30-11:15 Dr. Ronit Purian 11:15-12:00 Noa Mandelmilch	9:00-10:30 Eyal Shmueli – Singo Mobile 10:30-12:00 Dr. Ronit Purian	9:00-10:30 Jonathan Dortheimer 10:30-12:00 Dr. Ronit Purian Discussion: Group projects (1) <i>12:00: AV experiment</i>
28 (study at TAU)	29 (tour)	30 (study at TAU)	31	1 (study at TLV)
9:00-10:30 Adv. Sharon Shemesh-Azarya – Israeli Privacy Protection Authority 10:30-12:00 Dr. Orli Ronen <i>12:00: AV experiment</i>	8:00-15:00 Hiriya Recycling Park – Center for Environmental Education	9:00-10:00 Dr. Sigal Portnoy 10:00-11:00 Avi Aflalo – Simplex-Mapping 11:00-12:00 Nir Fulman <i>12:00: AV experiment</i>	9:00-10:30 Gil Barnea 10:30-11:15 Prof. Oded Potchter Urban climate 11:15-12:00 Moshe Mandelmilch GIS & remote sensing	8:00-17:00 Climate experiment – urban heat island
4 (lab)	5 (visit)	6	7	8
9:00-12:00 Golan Ben-Dor – MATSim Lab (please find below the workshop details)	8:00-17:00 Tel Aviv Municipality Computing Division, <i>4 Antokolsky St.</i> Security Center, <i>69 Ibn Gabirol St.</i> Engineering Division, <i>5 Philon St.</i>	Presentations of groups' projects	9:00-10:00 Noga Kap – i3 Equity Partners 10:00-11:00 Dr. Yael Shmueli & Dr. Asaf Degani – General Motors 11:00-12:00 Dr. Tal Raviv	Presentations & course summary

Dan David building, room 207 | Yad Avner building, room 115 and lab 232 between August 4-8.