

Free summer school in Utrecht!

*Scholarship for travel and
accommodation available*



Summer School Smart Sustainable Cities

Utrecht, the Netherlands | 17-26 August 2022

What does the city of the future look like? Since the beginning of the 21st Century the majority of the world population lives in an urban area. The summer school Smart Sustainable Cities discusses how to boost the sustainable development of cities. In one week, we will dive into several highly relevant themes such as clean air, mobility, waste, energy, and also innovation, inclusiveness, participation and smart solutions to these issues.

Participants will be introduced into several relevant themes for developing smart sustainable cities. During the 3 ECTS course students will be working with the handbook for applied research 'Smart Sustainable Cities (Rietbergen, Velzing & Van Sitgt (eds), 2021) – included for free.

In combination with an integral assignment, students will capture theories, methods and tools relevant for analysing Smart Sustainable Cities and developing smart solutions for sustainability challenges within cities. The assignment will be carried out in teams, and will apply the theory and tools on a the city of Utrecht. In addition to the theories learned, with the assignment, participants will present an innovative solution for the city that is central to their assignment, and make a comparison with their hometown.

Contact and application:

- Contact home University
- Application via Utrecht Summer School:
<https://utrechtsummerschool.nl/courses/engineering-technology/smart-sustainable-cities>
Include 'Erasmus Exchange' in motivation

Fees and costs:

- Course fee = 0 euro for Erasmus+ participants (regular price €880.-)
- Scholarships of € 700,- available via home university
- Housing fee via Utrecht Summer School €350,-
- Travel at own expense
- Lunch included on study days

Preliminary Programme*

		Wednesday 17 August 09:00–17:00 hr	Thursday 18 August 9:00–17:00	Friday 19 August 9:00–17:00
		Course Introduction <ul style="list-style-type: none"> Getting to know each other Introduction on Smart Sustainable Cities Introduction to the programme 	Systemic Design Thinking <ul style="list-style-type: none"> Viewing and structuring the design process by iterations Double Diamond Model Involve complex contexts 	Behaviour in cities <ul style="list-style-type: none"> Understanding behaviour Campaigning for behavioural change
		Excursion City of Utrecht	Work on assignment	Work on assignment
Monday 22 August 09:00–17:00	Tuesday 23 August 09:00–17:00	Wednesday 24 August 09:00–17:00 hr	Thursday 25 August 9:00–17:00	Friday 26 August 9:00–13:00
Circular Economy in the City <ul style="list-style-type: none"> Principles, urgency and relevance Apply Circular Economy on cities Understand and apply Material Flow mapping Distinguish and apply circular strategies 	Energy & Carbon Accounting <ul style="list-style-type: none"> Energy use in cities and energy neutral cities Understanding and categorizing main sources of energy use and greenhouse gas emissions Energy Poverty 	Energy Neutral Neighbourhoods <ul style="list-style-type: none"> The rationale of energy neutrality for neighbourhoods Multi-actor and Multi-level perspective The transformation of existing neighbourhoods 	Mobility <ul style="list-style-type: none"> Plan, monitor and evaluate mobility projects Translate general targets into quantifiable goals Discover how to focus mobility projects on the desired behavioural change 	Wrap up & Seminar <ul style="list-style-type: none"> Summary of the course Final presentations Seminar about Smart Sustainable Cities
Work on assignment	Work on assignment	Excursion	Work on assignment and presentation <ul style="list-style-type: none"> Prepare seminar Compare with your hometowns 	Certificates

* This a conceptual programme with possible themes, and is meant to give you an impression of the course. The definite subjects still have to be decided on.

For contact and information:

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