The Chair of Urbanism and Urban Architecture is housed within the Department of the Built Environment. The Chair actively contributes to shaping the debate around the urban environment and design interventions.

Rethinking today’s urbanizing world, our Chair brings together a wide range of exciting urban planning issues, from smart city design to cultural heritage planning. Collaborating with other faculties, universities, local governments and regional authorities, we actively engage in interdisciplinary research.

As a Chair, we feel responsible for offering an intense yet engaging education program, ultimately aiming for a sustainable, prosperous and emancipatory urban future. Addressing contemporary urban issues, we teach the skills and methods necessary to navigate urban complexity and create spatially explicit solutions that work.

Our program combines comprehensive diagnosis – including urban, architectural and social dimensions - with multiple types of output, ranging from classical design to spatial strategies. In everything, we strive for a synthesis of tradition and knowledge, innovation and imagination.

Education at the Chair takes the form of lectures, workshops, studios and field trips. In complementary forms of education we encourage students to debate and think critically about today’s urban issues.

The form of education at the Chair takes the form of Lectures, Workshops, Seminars, and Studios. The following courses are recommended for urbanism students:

**Bachelor College (BSc.)**
- Electives Urbanism
  - Landscape and Public Space (7W065)
  - Urban Case Study (7X2X0)
  - Walkscapes (7W2X0)

**Graduate School (MSc.)**
- Core courses
  - Seminar Urbanism and Architecture (7Q55M)
  - Research in Urbanism and Architecture (7Q55M)
  - Architecture and Urban Theory (7Q55M)
- Electives Urbanism+Architecture
  - Architecture and Technology (7T1X0)
  - History of European Architecture and Urbanism (7X3X0)
  - Research in Urbanism and Architecture (7W08X)
- Specialization electives
  - Urban Planet (7Q5X0)
  - Urban Green Strategies (7Q5X0)
- Recommended electives
  - Urban Trends (7QX9M)
  - Theory and Practice of the Public Domain (7QW7M)
Urbanism Projects Bachelor School
'Maagd van Holland', Rotterdam
Masterplan and plan fragment, by: Remi Bogaert

Basic urban design and analysis principles are instructed and explored by means of relevant design cases. Urgent urban questions of the day are being considered like for example the increasing pressure for restructuring of centrally located urban districts. More than urban design issues of the recent past, current inner-city transformation design is charged with a complex cocktail of factors, actors and ongoing processes of all kinds. The figure shows a design which manages to subside the contextual clash dynamics into a high quality urban living area that very naturally adapts to the place. In fact, that creates the preconditions for a next step on its urban development path.

Young families in the city
Urban design for (a)ising children in cities
Chris Steenhuis, graduated in 2016

Urban cores of cities are gaining popularity for young families to live in. De Bergen, a gentrifying neighborhood in Eindhoven, was investigated as an example of this process. With the efforts of the residents and civil organizations the neighborhood can be transformed to become more family friendly and that can support interaction. Moreover, designing for families makes livable neighborhoods that do not exclusively help kids, but can bring together organizations and people such as social welfare institutions and elderly.

Learning Cities
Powered by the Urban/Lab

The aim of the Urban/Lab at the TU/e is to help cities learning to become better cities. We believe the key for improvement is in connecting knowledge with urban challenges in practice.

The Urban/Lab has been established to strengthen the link between university and practice. We work on urban challenges for a diverse range of clients: ministries, provinces, municipalities, water boards and NGO’s. We often do this in collaboration with other universities such as the Fontys and the HAS.

The Urban/Lab offers Master design studios and research seminars.

Assignments in the near future will focus on the future of youth in Nesselande and the value of temporary used vacant buildings.