

Architecture, Urbanism and Building Sciences

Urbanism

MSc Track



The Urbanism track at TU Delft's Faculty of Architecture and the Built Environment draws on the Dutch tradition of combining urban design, landscape architecture and spatial planning. By integrating social, cultural, economic and political perspectives with natural and human-made conditions, the Urbanism track trains students to research, shape and plan a sustainable urban development.

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|---------------------------|---|
| Degree | Master of Science |
| Title after BEP | Urban Designer |
| Starts | September |
| Type | full-time |
| Credits | 120 ECTS, 24 months |
| Language | English |
| Admission and application | admissions.tudelft.nl |
| More information | aubs.msc.tudelft.nl |

The track differs from other urban design and planning programmes throughout the world in its integrated planning, design, science and engineering approach.

Students learn to work on and combine several scales; from regional strategic visions to neighbourhood redevelopment projects. Through studio projects, students respond to local trends such as congestion, mobility, urban renewal, shrinkage, and densification, as well as to global trends like globalisation, climate change, demographic trends and the energy transition.

Programme

The **first year** strengthens students' understanding of urban structure, form, and function at, and between, different scales. Students focus on how the social, environmental, and economic dimensions of urban environments can be improved by developing visions, design projects, strategies and evaluation frameworks for the urban fabric.

Additionally, students develop a comprehensive, evidence-based understanding of spatial strategies and development, work on the communication skills required for collaborative

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| FIRST YEAR | | | |
|---|--|--|-----------|
| 1ST SEMESTER | | 2ND SEMESTER | |
| R&D STUDIO: ANALYSIS AND DESIGN OF URBAN FORM | R&D STUDIO: DESIGNING URBAN ENVIRONMENTS | R&D STUDIO: SPATIAL STRATEGIES FOR THE GLOBAL METROPOLIS | ELECTIVES |
| HISTORY AND THEORY OF URBANISM | SUSTAINABLE URBAN ENGINEERING OF TERRITORY | RESEARCH & DESIGN METHODOLOGY FOR URBANISM | |
| SECOND YEAR | | | |
| 3RD SEMESTER | | 4TH SEMESTER | |
| GRADUATION ORIENTATION | GRADUATION LAB URBANISM | | |
| GRADUATION EXPLORATION (OR JOINT INTERDISCIPLINARY PROJECT TUD) | | | |

decision making and have the opportunity to choose electives to broaden or deepen their academic perspective, knowledge, and abilities. All courses explicitly address societal and scientific approaches to issues relating to urbanisation and associated debates.

During the **second year**, students work on an individual graduation project in the graduation laboratory Urbanism. This content-driven specialisation assists students in acquiring further knowledge, skills, and experience in their chosen topics. The lab also includes several kinds of content-driven activities for all students, such as: lecture series organised by research groups, master classes and lectures, symposia, and workshops hosted by students.

Graduation specialisations

For their graduation projects, students can focus on several scales; from regional strategic visions, to neighbourhood redevelopment projects within the studios Design of the Urban Fabrics, Urban Metabolism & Climate, Planning Complex Cities and Transitional Territories as well as cross domain studios such as Urban Ecology & Ecocities and City of the Future.

Career prospects

The Urbanism track delivers planners and designers with the academic skills to critically analyse urban environments and developments and propose new solutions for an efficient, sustainable and liveable design and organisation of the urban environment. Graduates are fit to work for urban design and planning offices, governmental authorities, and to join research networks in the Netherlands and abroad.

The Urbanism track is one of five specialisation tracks within the Architecture, Urbanism and Building Sciences master programme. Upon graduation, students receive a Master of Science degree in Architecture, Urbanism and Building Sciences (Urbanism track).

Graduates of this master track can apply for the protected title Urban Designer in the Netherlands after completing an additional professional traineeship. For more information on this procedure please visit www.beroepservaring-periode.nl/en.



3rd

Faculty ranking in the world



31%

International MSc students



82%

Job within 6 months



71%

Job as an urbanist