

Architecture, Urbanism and Building Sciences

MSc Programme



The MSc Architecture, Urbanism and Building Sciences programme at TU Delft's Faculty of Architecture and the Built Environment is underpinned by the renowned Dutch experience in architecture, spatial planning and the built environment professions. The teaching approach borrows from the Dutch tradition of working in a multi-disciplinary way with students collaborating in groups to create integrated solutions for the built environment. Our aim is to enable students to build the practical skills needed to make an effective contribution to practice, whilst also laying the foundations of understanding principles that will guide long-term career development.

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

Programme

This programme sets itself apart from other architecture programmes in the diversity of directions available. Blending knowledge and skills from design practice, from the physical and social sciences, technology and engineering, this programme explores innovative ways to create more sustainable development. Students can choose between five tracks: Architecture, Urbanism, Management in the Built Environment, Building Technology or Landscape Architecture.

The faculty is keen to receive applications from ambitious and talented students in the Netherlands and other countries. International and home students benefit from the reputation of the faculty, which attracts students from all over the world, creating a truly cosmopolitan ambience. Teaching draws on a very wide variety of examples of the built environment from the Netherlands and many other countries, encouraging students to actively share knowledge and experience. Students are able to develop an independent and academic attitude and are giv-

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en the opportunity to design their own projects in the speciality of their choice, supported by an excellent infrastructure of model-making facilities, studio spaces and frequent excursions, workshops and seminars.

Specialisations

Architecture

The Architecture track draws on the rich architectural culture of the Netherlands. Students learn how to develop innovative building projects that use design as a means to deal with the technical, social and spatial challenges encountered in the built environment.

Specialisations:

- Architectural Engineering
- Architecture and Dwelling
- Architectural Design Crossovers
- Architecture and Public Building
- Borders & Territories
- Complex Projects
- City of the Future
- Explore Lab
- Form Studies
- Heritage & Architecture
- Interiors Buildings Cities
- Methods of Analysis and Imagination
- The Why Factory
- Urban Architecture

Urbanism

The Urbanism track draws on the Dutch tradition of combining urban design, landscape architecture and spatial planning. Students learn to integrate social, cultural, economic and political perspectives with the natural and man-made conditions of the site in order to shape and plan for more sustainable development.

Themes:

- Urban Fabrics
- Transitional Territories
- Urban Metabolism & Climate
- Planning Complex Cities
- Urban Ecology & Ecocities
- City of the Future

Management in the Built Environment

The track Management in the Built Environment engages with the managerial dimension and processes of the built environment and the construction industry. Students learn how to manage the urban development and construction process so as to guide the many stakeholders to achieve high quality and financially rewarding

development.

Themes:

- Design & Construction Management
- Real Estate Management
- Urban Development Management

Building Technology

The Building Technology track encompasses a broad spectrum of engineering and architectural design skills that lead to one of the dominant professions of the future: the sustainable designer. Through focusing on structural, façade, product, climate and computational design, students learn how to innovate and contribute to smart buildings/environments that are sustainable, comfortable and environmentally intelligent.

Themes:

- Structural Design
- Climate Design
- Façade & Product Design
- Design Informatics

Landscape Architecture

The Landscape Architecture track deals with design through scales as an architectonic composition of natural and artificial materials. Students learn to see landscape as a contextual underlay for understanding, ordering and acting in spatial transformations. In landscape architecture we emphasise the historical continuity of landscape as a process over time. And try to figure out how we can contribute to richer ecosystems creating a more beautiful, sustainable and generous world.

Themes:

- Architecture and Landscape
- Dutch Landscape
- Urban Landscape
- Flowscapes

Career prospects

Graduates from this programme have an integrated, design-led approach to tackling to complex issues of the contemporary built environment allowing them to take up a diversity of career prospects in architecture and related fields. Given the university's connection to important industry figures, graduates have good access to job opportunities in the Netherlands and abroad.



3rd

Faculty ranking in the world



1500

Master students



45%

International MSc students



95%

Graduation rate



89%

Job placement