

# Architecture, Urbanism and Building Sciences

## Management in the Built Environment

### MSc Track



It is broadly recognized that insight, knowledge and skills in process and management are of vital importance to professionals in the world of architecture, construction and the built environment, especially in today's circumstances. The Management in the Built Environment track at TU Delft's Faculty of Architecture and the Built Environment engages with this need by exploring the managerial dimension and the processes involved with these industries.

Degree	Master of Science
Starts	September
Type	full-time
Credits	120 ECTS, 24 months
Language	English
Admission and application	<a href="https://admissions.tudelft.nl">admissions.tudelft.nl</a>
More information	<a href="https://aubs.msc.tudelft.nl">aubs.msc.tudelft.nl</a>

Students learn how to achieve high quality and financially rewarding developments through managing multi-stakeholder development and construction processes. They learn how to manage these processes at the level of buildings and structures, as well as at the level of real estate portfolios and urban areas.

This programme sets itself apart from other Management in the Built Environment programmes with its focus on creating multidisciplinary, design-based solutions, giving graduates

the unique advantage of having a design-led perspective on how the construction industry operates.

### Programme

The programme is well suited for students with a background in architecture and the built environment who want to improve their managerial skills, as well as those with another technical background looking to add a design and management component to their education.

# Architecture, Urbanism and Building Sciences Management in the Built Environment

FIRST YEAR		MSC 3 LABORATORY	SECOND YEAR	
1ST SEMESTER	2ND SEMESTER		3RD SEMESTER	4TH SEMESTER
DESIGN AND CONSTRUCTION MANAGEMENT	URBAN (RE) DEVELOPMENT GAME: INTEGRATING PLANNING, DESIGN AND PROPERTY DEVELOPMENT		FREE ELECTIVES	GRADUATION LABORATORY
MANAGEMENT AND FINANCE				
HOUSING POLICY, MANAGEMENT AND SUSTAINABILITY	RE-DESIGN: COMPLEX REDEVELOPMENT PROJECTS		COMPULSORY CHOICES (2 OUT OF 3): CASE STUDY METHODS OPERATION RESEARCH METHODS APPLIED STATISTICS	
RESEARCH METHODS INTRODUCTION	BUILDING LAW AND REAL ESTATE ECONOMICS			
REAL ESTATE MANAGEMENT	BUILDING INFORMATION MANAGEMENT		MSC3 LABORATORY	

The **first year** focuses on the development of core knowledge and skills. Students are provided with a clear overall perspective, giving them the capacity to oversee and integrate processes, phases, and scales, while addressing stakeholder concerns. Drawing from both academic sources and illustrative case studies the track covers topics as design, construction, finance, real estate and housing management as well as economics, law, IT and research methodology.

The **second year** focuses on the application and synthesis of this knowledge in a graduation project.

## Specialisations

In their graduation year students can choose one of the following specialisations:

**Design & Construction Management** targets the development and management of design and construction at the scale of a building.

**Real Estate Management** is concerned with the supply of and demand for building stock, for private firms as well as public institutions.

**Urban Development Management** looks at the processes involved with the development of larger urban projects.

**Housing Management** deals with the creation and management of housing stock, as well as with housing policy.

In addition to these courses, students have an electives programme to broadening their academic perspectives, knowledge and skills,

or to allow for further specialisation in connection with the individual graduation project. In the final year there is a methodological programme that is directed at providing students with sound research methods in support of their graduation project work.

## Career prospects

Project development companies, real estate investors, housing associations, architectural firms, municipalities, and regional and central governments value graduates for their ability to oversee the logistics of design, construction, and management. Graduates also join firms in the field of management, maintenance or renovation of large office or residential projects. The tasks they take on can vary from research, design, and construction, to the management of real estate. Graduates can also opt for an academic career and continue their studies at the doctoral level.

The Management in the Built Environment 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 (Management in the Built Environment track).

This track does not allow graduates to apply for the protected title Architect, Landscape Architect or Urban Designer in the Netherlands.



3rd

Faculty ranking in the world



28%

International MSc students



94%

Job within 6 months



84%

Job on level of education



74%

Works in private sector