

3 SEMESTERS, FULL-TIME (90 ECTS) · IN PERSON · ENGLISH

# Building Sustainability in Urban Futures (MBA)

Begleiten Sie den Wandel hin zu klimaneutralen Städten mit dem MBA-Studiengang „Building Sustainability“ der TU Berlin, der Ingenieurwesen, Wirtschaft und Politik in einem Studiengang vereint.

## DATES

### New dates in preparation

Date, price and enrollment deadline appear on the course page as soon as they are confirmed.

|             |                                   |          |                      |
|-------------|-----------------------------------|----------|----------------------|
| FORMAT      | In person                         | LANGUAGE | English              |
| DURATION    | 3 semesters, full-time (90 ECTS)  | LOCATION | EUREF-Campus, Berlin |
| CERTIFICATE | Master of Business Administration |          |                      |

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## Course Overview

Building Sustainability in Urban Futures (MBA) at Technische Universität Berlin is an interdisciplinary master's program that prepares professionals to lead the transformation toward climate-neutral and socially responsible buildings, cities, and infrastructures. It is designed for professionals in real estate, project planning, and management who aim to integrate sustainability and address the challenges of diverse urban contexts.

At its core, the program explores how sustainability can be implemented across the built environment by balancing

technological, economic, environmental, and social dimensions in planning and management. Students develop a comprehensive understanding of how buildings and urban systems contribute to global sustainability goals and how these can be achieved through innovation, governance, and responsible leadership.

The curriculum combines engineering and building science fundamentals with business management, law, and policy, offering the tools needed to plan, evaluate, and manage complex projects across the entire building life cycle. Topics such as digitalization, renewable integration, energy efficiency, circular economy, and urban resilience are integrated throughout the program.

Teaching takes place entirely in English on TU Berlin's EUREF Campus, a living laboratory for the German Energiewende and a hub for energy and mobility innovation. Small, international cohorts create an intensive learning environment that combines academic depth with practical application through case studies, group work, and collaboration with industry experts.

The program comprises 90 ECTS credits over three semesters and concludes with a Master's Thesis that connects academic research with professional practice.

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## Course Content

### KURSIHALT

The Building Sustainability in Urban Futures (MBA) is a full-time program comprising 90 ECTS credits completed over three semesters. It combines core modules, electives, and an independent master's thesis that integrates academic research with practical application.

During the first two semesters, students complete the mandatory core modules in technology, economics, business, law, and management. These modules provide the interdisciplinary foundation necessary to understand and shape the sustainable transformation of buildings, cities, and energy systems.

In the third semester, students choose two electives to deepen their expertise in selected areas such as circular business models, sustainable construction, project management, or international energy systems. The program concludes with the Master's Thesis, an 18-ECTS research project that allows students to apply their knowledge to a topic of professional or academic relevance.

Learning takes place in small, international cohorts through lectures, seminars, group projects, and applied case studies. The program emphasizes real-world contexts, teamwork, and interaction with academic experts and industry practitioners on TU Berlin's EUREF Campus.

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## Learning Goals

The MBA in Building Sustainability in Urban Futures prepares professionals to lead the transformation of buildings, cities, and infrastructure toward climate neutrality and social responsibility. The program develops the interdisciplinary knowledge, analytical ability, and leadership skills required to plan, manage, and implement sustainable projects in complex urban environments.

## Understand and shape sustainable urban systems

Gain a comprehensive understanding of buildings and urban systems as integrated parts of sustainable development. Students learn to connect technology, economics, management, and policy to evaluate and design effective solutions across the full life cycle of the built environment.

## Lead transformation processes

Strengthen the ability to guide change within organizations and projects by applying management, financial, and legal tools. The program fosters strategic and systems thinking, innovation, and responsible leadership in the context of global sustainability transitions.

## Build professional and interdisciplinary competencies

Develop strong communication, teamwork, and project-management skills in international and cross-sectoral settings. Students learn to collaborate effectively across disciplines and to integrate ethical, cultural, and social perspectives into their professional practice.

## Skills & Competencies

### Sustainability and Built Environment Expertise

The program equips students with a deep understanding of how buildings and cities can contribute to sustainable development. It combines knowledge of building physics, energy systems, and life-cycle assessment with insights into urban resilience, climate adaptation, and the role of digitalization in the building sector, including an introduction to Building Information Modeling (BIM) and related data concepts.

### Innovation and Management Skills

Students learn to lead projects and organizations through the transition toward climate-neutral and resource-efficient practices. The program strengthens strategic and financial decision-making, project and portfolio management, and the ability to design innovative, circular business models in the built environment.

### Communication and Collaborative Skills

Successful sustainability management relies on clear communication and cooperation across disciplines. The MBA develops leadership, negotiation, and intercultural skills that enable graduates to work effectively in international, interdisciplinary teams and to engage stakeholders with confidence and empathy.

### Research and Analytical Skills

The program fosters analytical thinking and evidence-based problem-solving. Students gain the ability to conduct applied research, evaluate complex data, and present findings clearly in professional and academic contexts, supporting innovation and policy development in the built environment.

## Participation & Requirements

### PRIOR KNOWLEDGE

- copy of your first university degree (original and translation into English)
- transcript of records (translation into English)
- proof of work experience (at least one year after your first university degree!)
- letter of motivation
- CV
- proof of English-language skills (see below for more information and exemptions, we recommend B2-C1 minimum)
- GMAT/GRE, if available

### CERTIFICATE DETAILS

Part of sustainability is quality management. Quality should not be left to chance, but should be the result of a continuous improvement process. TU Berlin has moved its focus from the accreditation of individual study programmes to the evaluation of the university as a system. The university's quality assurance procedures are designed so that all stakeholders may develop responsibly and in dialogue with one another. System accreditation therefore leads to the accreditation of all study programmes offered by the university.

The subject of system accreditation is the internal quality assurance system of a university in the domain of teaching and learning. The structures and processes relevant for teaching and studies are examined to ensure that they achieve the qualification objectives and the required academic quality. The framework follows the requirements of the Kultusministerkonferenz (KMK), the European Standards and Guidelines for Quality Assurance in Higher Education (ESG), and the criteria of the Akkreditierungsrat (German Accreditation Council).

A positive system accreditation certifies that the university's quality assurance system in teaching and learning is suitable for ensuring the achievement of qualification objectives and the quality standards of degree programmes. Degree programmes that are designed and managed under the specifications of the accredited system are thus accredited. (Own translation after Akkreditierungsrat, 20 February 2013.)

TU Berlin's system accreditation by the Zentrale Evaluations- und Akkreditierungsagentur (ZEvA) was confirmed for a period of six years following a positive review in July 2021 by the Central Evaluation and Accreditation Agency (ZEvA).

Building Sustainability in Urban Futures (MBA) is included within this accreditation framework and is currently in its final phase of certification.

Further information: [Systemakkreditierung TU Berlin](#)

### QUESTIONS ABOUT THIS COURSE?

## Register Now

<https://academy-tu.berlin/en/courses/masters/building-sustainability-in-urban-futures>  
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