

# Building Sustainability



## Building Sustainability – Management Methods for Energy Efficiency (MBA)

A full-time postgraduate three-semester master’s degree program taught exclusively in English at Technische Universität Berlin.



### Introduction

This master’s degree program is a comprehensive, inter-disciplinary course for those who plan a career in **real estate project planning and management** with a focus on implementing sustainability and acknowledging the relevance of **different urban contexts**.

The concept of the German “Energiewende” – literally, energy transition – has gained international attention. It includes a variety of measures that aim at making Europe’s largest economy free of **fossil fuels and nuclear energy**. In order to attain this, all areas of energy production and consumption will have to go through a transition process. Besides mobility and industry, buildings are therefore one of the key factors for a successful Energiewende.



### Program Content

The MBA program “Building Sustainability – Management Methods for Energy Efficiency” comprises **skills, methods, and concepts** to consider different approaches, to understand them, and to align them for reaching **sustainable solutions**. Such competencies are indispensable in every building, construction and real estate project that takes **energy efficiency** and other sustainability criteria as balancing economic, social, ecological and cultural aspects in responsibility for future generations into account.

In this regard, students will learn a lot from experts and from each other and hopefully enjoy the international, interdisciplinary teamwork as well as Berlin’s urban and cosmopolitan atmosphere.



### Module Description

The master’s degree program is taught in English over a period of three semesters.

**The first semester** covers the technical, economic, entrepreneurial and legal foundations for management decisions in the building sustainability sector.

**The second semester** deepens this view through the interdisciplinary project, management and the lecture series modules.

**The third semester** broadens the view while simultaneously focusing on practice according to the student’s individual interests.

**All semesters** include lectures, tutorials, seminars as well as company visits and excursions, online materials related to practice and extracurricular activities.

**The master thesis** is due in the third semester concludes the program.

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	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	
Orientation Week	Technology 9 ECTS	Management 12 ECTS	Compulsory Elective I 6 ECTS	Graduation Ceremony
	Economics 6 ECTS		Compulsory Elective II 6 ECTS	
	Business 9 ECTS	Lecture Series 6 ECTS	Master Thesis 18 ECTS	
	Law 6 ECTS	Interdisciplinary Project 12 ECTS		
	30 ECTS	30 ECTS	30 ECTS	

**Academic Directors:** Prof. Julian Wékel

**Academic Program Managers:** Mariam Elsheikh, Phillip Hebert

**Administrative Coordinator:** Laura Lehmann



## Advantages and opportunities

The program has an orientation on practical implementation. Whereas building a house has become a manageable task, things become much more complicated when considering the urban environment and wider interests such as energy-efficiency. Strategic concepts for communication and cooperation are crucial for success in large-scale projects.

The master's degree program in building sustainability focusses therefore not only on economic and technical perspectives but also aims at imparting basic knowledge in other relevant disciplines. This means that the scope of the program is both broad and specific at the same time. The combination of technology, management, and sustainability-related topics is, therefore, a unique opportunity for young professionals to extend their skills.

Graduates will be able to moderate and manage complex projects in the planning, construction and real estate sector. The program provides the knowledge and skills for assessing projects from economic, ecological and technical perspectives as well as for creatively, both in teams or independently, finding solutions considering various stakeholder interests. Graduates will be able to enter the labor market ((private and public sector) or continue on with postgraduate studies.



## Tuition fees

The tuition fee for the master program amounts to 19,800 Euro (6,600 Euro per semester) plus the regular administration (enrolment and registration) fees. The fee can be paid in semester installments.

The administration fees include the semester ticket for using the public transport service in Berlin (tariff zones ABC).

## Application requirements

The regular application period will start every year on February 1<sup>st</sup> and will end on April 30<sup>th</sup>.

## Required application documents

- ✔ University degree recognized by German universities (at least 210 ECTS),
- ✔ Proof of working experience of at least one year (preferably in the relevant working areas of construction, building management and energy) after completion of studies,
- ✔ CV, with information including educational and professional background,
- ✔ Motivation letter in English (max. 1 page A4) educational and professional background,
- ✔ Proof of English language proficiency at Level B2 (or higher) of the Common European Framework of Reference for Languages (CEFR) (not required for high school graduation in English),
- ✔ GMAT / GRE (optional)
- ✔ Further documents, such as references may be submitted.

Send your application via [www.master-in-sustainability.com/application](http://www.master-in-sustainability.com/application)



## Contact Details

We are here to answer your questions!  
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## EUREF Campus

The main study location is the European Energy Forum (EUREF), built around the historical Gasometer in Berlin-Schöneberg. The Campus is the setting of an innovative community including applied research, economic and policy consultancies mainly based on the philosophy of sustainability. Students who are the future building experts study in close cooperation with leading enterprises and institutions located on the EUREF-Campus to become acquainted also with practical projects in the field of in the field of energy, sustainability, and management.

## EUREF Campus 9, 10829 Berlin

