

OVERVIEW

Degree

- Master of Engineering (M.Eng.)

Duration

- 4 semesters

Start

- March (summer semester)

Admission requirements

- Please see the study and exam regulations (paragraph 3 „Qualification for Academic Studies“)
- Language requirements English: B2
- Language requirements German: A1 must be achieved over the course of studying

Fees

- No tuition fees
- Student service fees €62 per semester

APPLICATION

Application period

- 15 November - 15 January

Online application

- in the Primuss-Portal at www.th-deg.de/bewerbung

Notice of acceptance or denial

- in the Primuss-Portal until beginning of February

Enrolment

- you will find information on this in the admission notice

Late placement for open places

- Via waiting list

Prep courses

- September www.th-deg.de/prep-courses (no obligation)

Semester start

- 15 March

STUDY LOCATION

European Campus Rottal-Inn
Max-Breiherr-Strasse 32
84347 Pfarrkirchen, Germany
www.th-deg.de/ecri



CONTACT

Are you interested in this Healthy and Sustainable Buildings course and would like to find out more?

Enquiries about the course

- ✉ hsb-info@th-deg.de
- 🌐 www.th-deg.de/hsb-m-en

General enquiries about studying at DIT

- ✉ welcome@th-deg.de
- 🌐 www.th-deg.de/en/study-with-us/info-for-internationals



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DEGREE DESCRIPTION

With this Master's degree you will gain the qualifications and skills for an international career in the future-orientated sector of Healthy and sustainable Buildings.

This postgraduate course qualifies students in methods and technologies in the fields of Healthy and sustainable Buildings, combined with applications in various areas of the construction and real estate industries. It acknowledges and broadens students' existing knowledge from undergraduate courses, such as construction engineering, architecture, technical building equipment, energy-efficient construction or related courses, and professional work experience.



CAREER PERSPECTIVES

Graduates of the Healthy and sustainable Buildings postgraduate degree are competent specialists in the field of healthy buildings and healthy living conditions, in material selection and product development or selection throughout the construction and interior facilities, and technical planning and construction including renovations and restorations.

Additionally, there are fields of work in the digitization and automation of healthy and sustainable buildings allowing for modern material flow, during the entire life cycle of buildings up to their demolition.

Graduates have career prospects in:

- Planning and design
- Product development
- Building management
- ... the recycling and restoration branch and the smart home sector

COURSE CONTENT

Semester 1	<ul style="list-style-type: none">• Environmental Psychology• Sustainable Buildings• Smart Buildings• Advanced Quantitative and Qualitative Research Methods
Semester 2	<ul style="list-style-type: none">• Environmental Hygiene & Medicine• Evidenced-Based Design I• Standards & GB Certification Systems• Building Performance Simulations• Refurbishment & Renovation• Project Management & Implementation
Semester 3	<ul style="list-style-type: none">• Sustainable Energy Systems• Ambient Assisted Living & Working• Building Safety & Security• Evidence-Based Design 2• Smart Infrastructure & Artificial Intelligence• R&D Project
Semester 4	<ul style="list-style-type: none">• Master's Thesis

COURSE AIM

The aim of the Healthy and sustainable Building course is to impart the specific skills required for the energy-saving, resource-saving, healthy and modern requirements of an industrial society.

The course is aimed at people who see their future professional activity in the planning and construction of buildings as well as in competent support in their use and operation. Further opportunities arise in the sustainable development and planning of healthy and energy-efficient materials and technologies for sustainable buildings.

Due to the diverse requirements that arise in the field of healthy and sustainable construction, this master's programme is designed for a total of 4 semesters (3 study semesters and 1 semester master's thesis). This ensures that graduates are perfectly prepared for the complex challenges in their working lives.

All lectures will be held in English, thus proficiency in the English language is an essential prerequisite.

