

Your Master plan: Healthy and Sustainable Buildings

M.Eng. Healthy and Sustainable Buildings

Programme contents

- Evidence-based design
- Smart buildings
- Sustainable buildings & neighbourhoods
- Green building certification system
- Building safety & security
- Refurbishment & renovation
- Smart neighbourhoods & AI
- Sustainable energy supply systems

Course of study

- Duration: 4 semesters
- Start: summer semester
- Location: European Campus Rottal-Inn, Pfarrkirchen
- Teaching language: English
- Applied & interactive teaching style
- Personal support, small groups and close ties with professors

Entry requirements

- Bachelor degree in the fields of civil or environmental engineering, architecture, or a qualification equivalent to a university degree of this nature.
- Admission test (written test and interview)
- Language requirements:
 - B2 English certificate (if English is not your first language)
 - A1 German (at the end of the study)

Is this programme suitable for you?



Yes, if...

...you want to study in a **practical way**.

...you are motivated to contribute to **healthier living environments**, to **address climate change** via **sustainable buildings design**, and to engage in innovation in **building science**.

...you have a Bachelor's degree in **civil or environmental engineering, architecture** or related fields.



...you are interested in **sustainable materials, energy-efficient** and **healthy building systems**, or **smart building technologies**.

...you enjoy **working hands-on, collaborating in teams, and solving complex problems**.

Highlights

- The study programm places a great emphasis on **practical application**. Students gain hands-on insights through site and building visits, company excursions, trade fairs, exhibitions, and lab expermients.
- Small study groups provide you with **personal support** und **intensive teaching**.



Healthy and Sustainable Buildings – what's next?

The programme prepares you to take on **key roles** in a **wide variety of positions** in **different areas** depending on your personal interests and background.

Job profile

- Specialist in healthy building
- Smart building system engineer
- Design Engineer
- Sustainable building designer
- Sustainability Consultant

Areas and industries

- Construction & real estate Industry
- Smart Building
- Renovation, restoration & recycling sector
- Product development
- Research & Development

Helpful soft skills

- Communication
- Critical Thinking
- Problem-Solving
- Teamwork
- Adaptability

Voices of DIT



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We have the best professors who are very open to answering all our questions and helping us in every way with our studies and providing us with all relevant information for our studies. Apart from that, the support staff at ECRI is quick and always willing to help. We also have had a lot of excursions during our course, as well as from campus, where I learned a lot about Germany and the local culture.

”

Lekshmi , 2024

Would you like to find out more?



Would you like more detailed information about the programme, or do you have any questions?

You are very welcome to contact **Prof. Dr.-Ing. Michael Laar**

Simply make an appointment at michael.laar@th-deg.de

Additional Information: hsb-info@th-deg.de