

# Compact Program | Efficient Energy Use & Thermal Building Optimization



**Optimizing Energy  
for a sustainable future!**

## Smart Energy Solutions for a Sustainable Future

Optimize energy efficiency in buildings with cutting-edge strategies in thermal performance and sustainable design. Learn to reduce energy consumption, enhance indoor comfort, and implement innovative heating, cooling, and insulation solutions, creating cost-effective and environmentally friendly spaces.



## Key Learnings

- Assess and implement innovative heating and insulation technologies
- Understand the fundamentals of energy-efficient building design and thermal optimization
- Learn and apply energy efficiency principles in various contexts
- Gain practical insights into optimizing building performance.
- Get strategies to minimize energy consumption while maintaining comfort and sustainability

## Target Group

We welcome individuals from diverse backgrounds, including engineering, environmental science, business, and policy, who want to deepen their expertise in sustainable energy and contribute to the rapidly evolving field.

## Key Facts

This course covers energy-efficient building design and thermal optimization. Learn innovative heating, cooling, and insulation solutions to reduce energy consumption and improve performance.

- **Venue:** TU Wien & Bruck/Leitha
- **Fee:** EUR 2,900 (incl. refreshments, excl. travel and accommodation)
- **ECTS:** 10 ECTS

Group & corporate discounts available

## Time Schedule

The course is structured into two focused blocks to allow for in-depth learning and hands-on application.

1 x blocked module in a part-time format, full day (9:00 a.m. - 5:00 p.m.)

5 days total

## Efficient Energy Use & Thermal Building Optimization

### Next Program Start

April 10, 2025

### Academic Director

Univ. Prof. Dr. Reinhard Haas

### Time Structure

Part-time, blocked in modules

### Language

English

### Final Certification

TU Wien Certificate / 10 ECTS

### Course Fee

EUR 2,900 (incl. refreshments, excl. travel and accommodation)

### Contact

[newenergy@tuwien.ac.at](mailto:newenergy@tuwien.ac.at)