



Table of Contents

| | |
|---|---|
| Language course/short course | 2 |
| Sustainable Energy Technology Summer School • RWTH Aachen University • Aachen | 2 |

Language course/short course



Sustainable Energy Technology Summer School

RWTH Aachen University • Aachen



Overview

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| Course location | Aachen |
| Teaching language | <ul style="list-style-type: none">English |
| Language level of course | <ul style="list-style-type: none">English: B2 |
| Dates | <ul style="list-style-type: none">June - July 2020 (Registration Deadline April 01, 2020) |
| Target group | <p>You are a BSc/BE student enrolled at a renowned university, have profound knowledge of the English language and are studying mechanical engineering, electrical engineering or a related field.</p> <p>The minimum age to participate is 18. Students should have completed the first year of their studies.</p> |
| Description/content | <p>Academic Content</p> <p>This summer school introduces the mathematical and physical basics of building energy performance modelling and simulation, implementation of models using computer-based numerical methods, computer algebra systems and object-oriented modelling language Modelica. Students will be able to better understand current and future challenges in sustainable energy technology.</p> <p>The following subject areas will be discussed: Energy Basics & Methods for Energy Supply for Buildings, the Campus Cube, Energy Management and Trading, Demand Side Management, Building Performance Simulation, Power to X, and High Temperature Solid Oxide Fuel Cells.</p> <p>Academic Staff</p> <p>The academic content of this summer school is taught by two visiting professors of TH Bingen, the E.ON Energy Research Center and the Institute of Energy Efficiency and Sustainable Building of RWTH Aachen University as well as the Institute of Energy and Climate Research of Forschungszentrum Jülich. This threefold approach to teaching is unique among all of our summer schools.</p> |
| Average number of hours per week | 30 |

Average number of participants per group/course 25

Costs / Funding

Dates and costs • June - July 2020 (Registration Deadline April 01, 2020), costs: EUR 2,990

This price includes

- Course fees
- Accommodation
- Accompanying programme

Further information on dates and prices.

The course fees amount to **2,990 EUR** for the **three-week** summer school programme.

The course fees include all lectures, laboratory courses and excursions, social events, accommodation, breakfast, lunch, all meals during social events, and a public transport ticket for the duration of the course.

Early Bird Discount: complete your application by 1 March to get a 10% discount on the total fees - in case of admission!

Requirements / Registration

Teaching language • English

Language level of course • English: B2

Language requirements An English language proficiency test is recommended.

Since the programme is taught in English, you need to have sufficient academic English language skills to be able to follow the course.

Submit application to Applications for the Summer School programmes are possible via our [online application](#) form on our [website](#).

Services

Is accommodation organised? Accommodation is arranged by the organiser.

Type of accommodation Participants will stay at one of Aachen's hostels, where breakfast will be provided. The rooms accommodate two to four people. The accommodation is centrally located in the heart of the city and is well served by the city's public transport system.

Students will receive a public transport ticket for the duration of the Summer School for convenient travel within the Aachen city region.

Meals Breakfast and lunch on workdays are included.

Is a social and leisure programme offered? Yes

Description of social and leisure programme

Social Events - Have Fun While Studying!
While following an intensive academic programme, participants will experience German culture first hand through an extensive leisure programme, e.g.:

- Intercultural training
- Visits to important sights in and around Aachen
- Excursions to nearby cities such as Maastricht or Cologne
- Sporting events
- Barbecues, karaoke and other get-togethers

... and a lot more - enjoy your stay!

Free internet access Yes

Support in visa matters Yes

Pick-up service from train station/airport Yes

Our Partners



RWTH Engineering Summer and Winter Schools

RWTH Engineering Summer and Winter Schools

» more:
<https://www.youtube.com/watch?v=zeHndc-9k0k>



Sabarish

India

RWTH International Academy
**Sabarish from India
Summer School**

„It was my first time travelling alone, and initially, I was beyond scared. But upon arriving and going to the first class, I immediately felt like I was in my second home!
Brilliant people. Brilliant professors. Brilliant place. I learned so much and met so many great people!
Definitely worth it.“



With 260 institutes in nine faculties, RWTH Aachen University is one of Europe's leading institutions for science and research. Currently, around 45,000 students are enrolled in over 100 academic programmes. More than 10,000 of them are international students. The scientific education students receive at RWTH Aachen University is firmly rooted in real-world applications. Our graduates are highly sought after by businesses as trainees and for executive positions.



University Location

Aachen, Germany's westernmost city, is located on the borders with Belgium and the Netherlands. Its population is about 240,000. Aachen's historic centre around the distinctive cathedral (UNESCO world heritage site) is characterised by a student lifestyle. On the city's doorsteps, the hilly Eifel landscape with its rivers, lakes and forests offers a picturesque countryside for outdoor recreation. Aachen benefits greatly from its central location: in the heart of Europe!

Contact

RWTH Aachen University
RWTH International Academy

Campus-Boulevard 30
52074 Aachen

✉ SummerSchool@academy.rwth-aachen.de

🌐 Course website: <http://bit.ly/2NtWjiv>

📘 <https://www.facebook.com/RWTHSummerSchool/>

🐦 https://twitter.com/RWTH_Academy?lang=en

📷 <https://www.instagram.com/rwthsummerschool/>

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International Programmes in Germany - Database

www.daad.de/international-programmes

www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.

German Academic Exchange Service

Section K23 – Information on Studying in Germany

(responsible: Judith Lesch)

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www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing

www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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