



Technische  
Universität  
Braunschweig

Faculty of Electrical Engineering,  
Information Technology, Physics



**WELCOME!**

**Summer semester 2026**

**Master's degree programme**

***Quantum Technologies in Electrical and Computer Engineering***

Prof. Dr. rer. nat. Tobias Voß, Klára Seidl, 08<sup>th</sup> April 2026

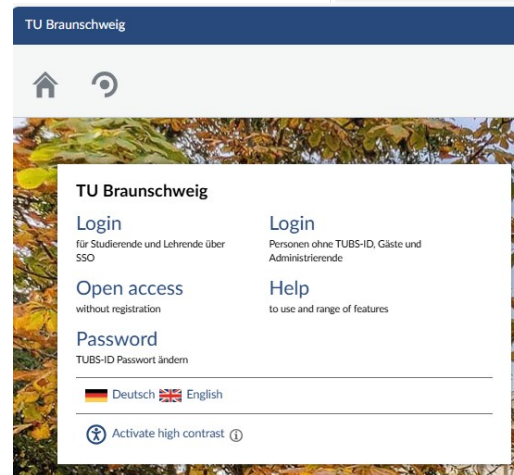
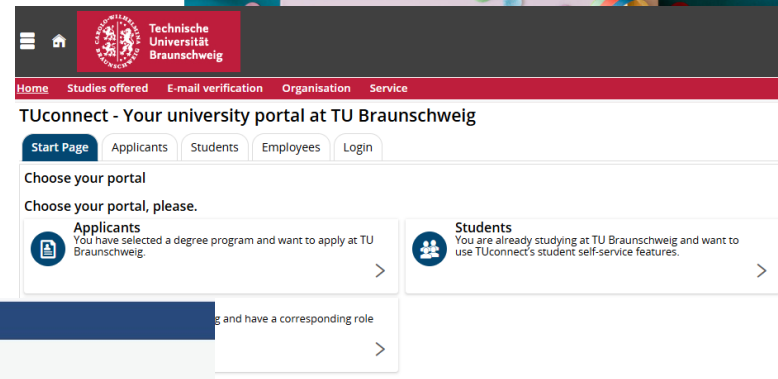
# Topics

- Sources of information
- Study Programme Structure (in general)
  - Internship
  - Interdisciplinary qualification
- Examinations
- Campus Map
- Important (overview)
- Contacts
- Questions



# Sources of information

- Faculty websites
- TU Connect
- Stud.IP
- University websites
- Institutes websites



# Sources of information

## Faculty websites

Just google it :



TU BS faculty of electrical engineering  
→ Studying → Master “Quantum Technologies in Electrical and Computer Engineering”

- Examination and admission regulations including auxiliary documents ✓
- Admission requirements and application ✓
- Course overview TUBS / LUH ✓
- Internship ✓
- Interdisciplinary documents ✓



## Studying



Organisation > Faculties > Faculty of Electrical Engineering, Information Technology, Physics > Studying

## Quantum Technologies in Electrical and Computer Engineering



# Sources of information

## ■ Faculty websites

Examination and admission regulations including auxiliary documents



Admission requirements and application



Course overview TUBS / LUH



Internship



Interdisciplinary documents



- Special part of Examination Regulations
- Course Overviews
- Modul Guides
- Documents regarding recognition of courses
- etc.

Examination and admission regulations including auxiliary documents



Admission Regulations new version (English)



These admission regulations are valid from 1 January 2026 and apply for the first time to the admission procedure for the 2026/27 winter semester. Status: 25 February 2026

Admission Regulations new version (German)



These admission regulations are valid from 1 January 2026 and apply for the first time to the admission procedure for the 2026/27 winter semester. Status: 3 December 2025

Admission Regulations



Status: 23.10.2023

Special Part of the Examination Regulations



Status: 23.10.2023

Module Guide TUBS



BPO 2023, 16.10.2025

Module Guide LUH



Status: 11.08.2025

Application form: Recognition of achievements



Application for recognition of benefits, Status: June 2025

Cooperation Agreement TUBS and LUH



on the reciprocal import and export of teaching

General Examination Regulations TUBS (APO)



Status: 23.10.2023

# Sources of information

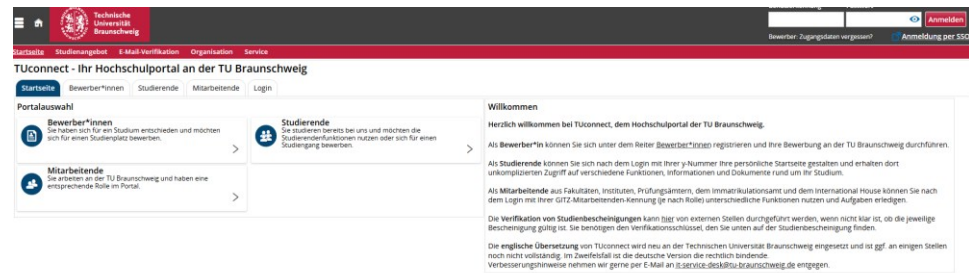
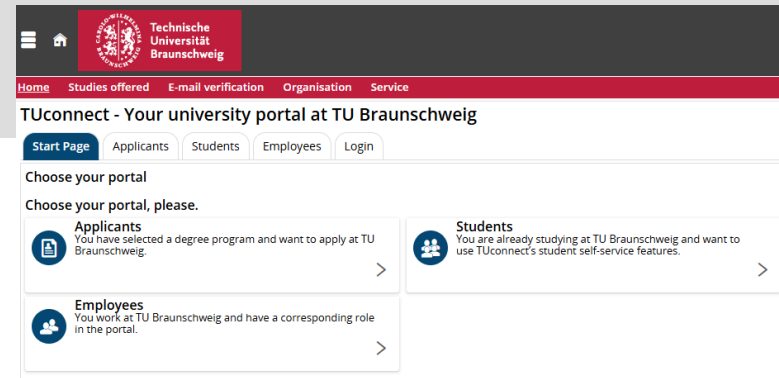
- TU Connect

Just google it :

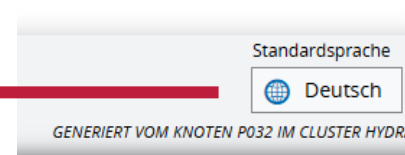
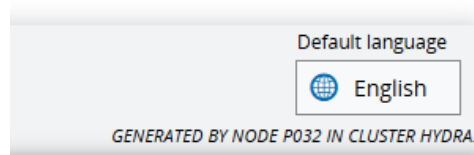
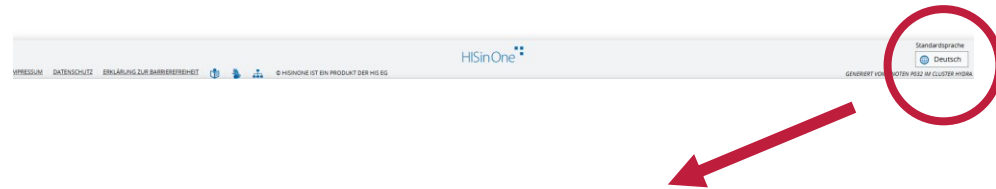


TU BS tu connect →

<https://connect.tu-braunschweig.de/>

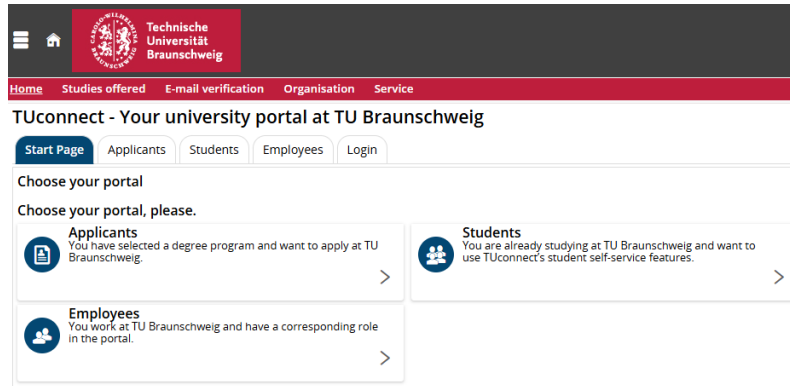


Switch the language DE -> EN



# Sources of information

- TU Connect



The screenshot shows the TU Connect portal for Technische Universität Braunschweig. The header includes the university logo and name, and a navigation menu with links for Home, Studies offered, E-mail verification, Organisation, and Service. Below the header, the page title is 'TUconnect - Your university portal at TU Braunschweig'. There are four tabs: Start Page (selected), Applicants, Students, and Employees. The main content area is titled 'Choose your portal' and contains three options: Applicants (for those applying), Students (for current students), and Employees (for staff). Each option includes a brief description and a right-pointing arrow.

Login with *y-number (TU BS ID)*

- Study Programme Overview
- Course Overview (TU BS)
- Registration/deregistration for exams
- etc.

# Sources of information

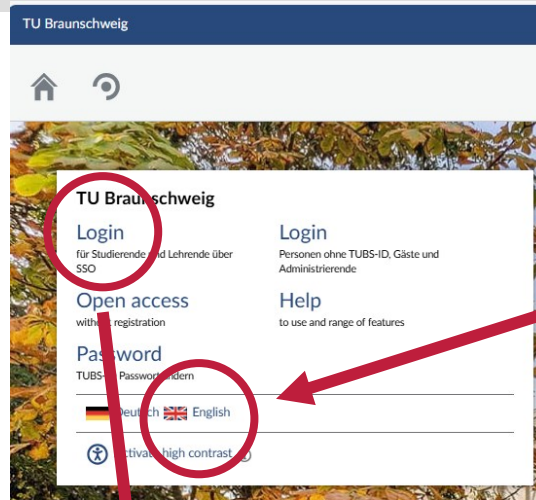
## Stud.IP (TU BS)

Just google it :



Stud.IP TU BS →

<https://studip.tu-braunschweig.de/>

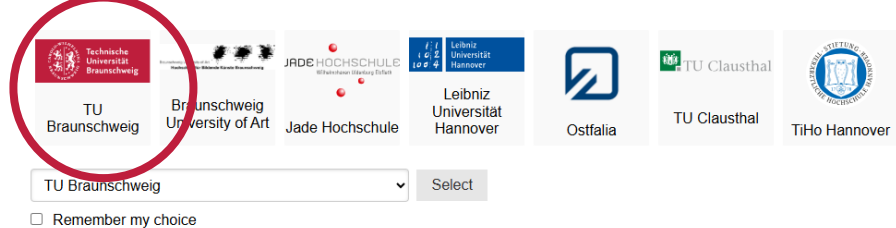


Switch the language DE -> EN



### Select your identity provider

Please select the identity provider where you want to authenticate:

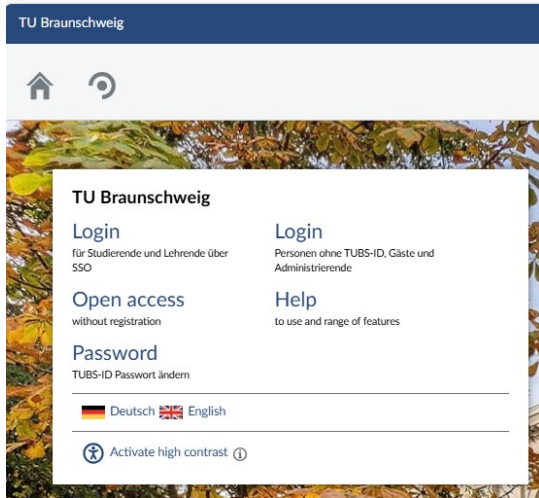


Login with  
*y-number*



# Sources of information

- Stud.IP (TU BS)



- Details of courses (TU BS)
- Sometimes necessary:  
Registration/deregistration for lectures/exercises
- Registration for labs
- etc.

## Join your study group



Study group: Quantum Technologies in Electrical and Computer Engineering

- News and important announcements
- Information about changes in your curriculum

# Sources of information

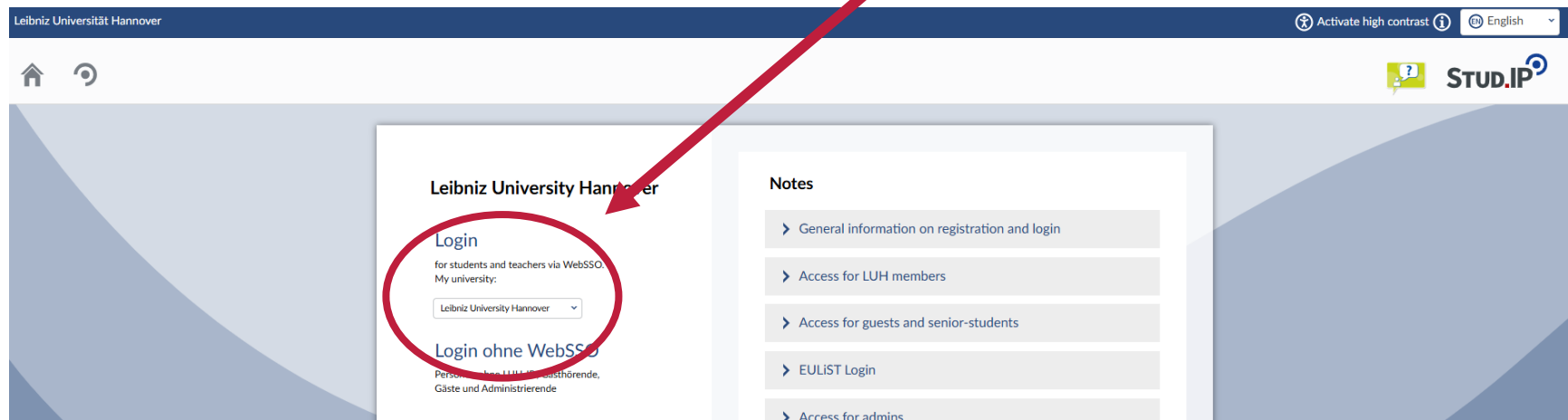
## ▪ Stud.IP (LUH)

Just google it : 

Stud.IP LUH →

<https://studip.uni-hannover.de/>

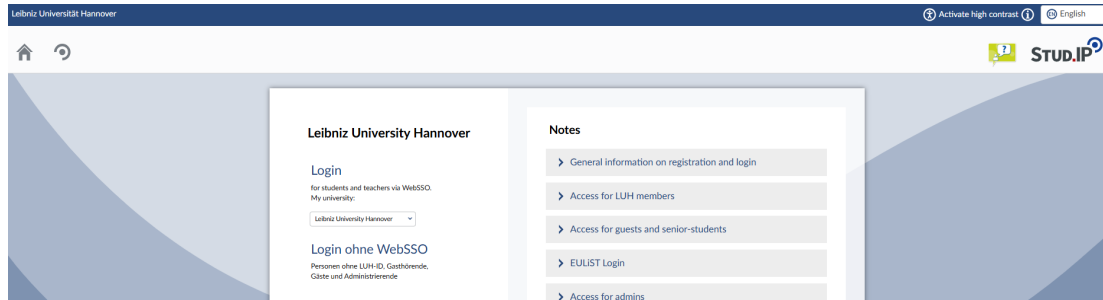
**Choose TU Braunschweig  
Login with TU BS account**



The screenshot shows the Stud.IP interface for Leibniz University Hannover. The top navigation bar includes the university name, a home icon, a refresh icon, and utility links for high contrast and language (English). The main content area features a 'Login' section with a dropdown menu set to 'Leibniz University Hannover', which is circled in red. A red arrow points from the text 'Choose TU Braunschweig Login with TU BS account' to this dropdown. Below the dropdown is a link for 'Login ohne WebSSO'. To the right, a 'Notes' section lists various access options like 'General information on registration and login', 'Access for LUH members', 'Access for guests and senior-students', 'EULIST Login', and 'Access for admins'.

# Sources of information

- Stud.IP (LUH)



- Details of courses (LUH)
- Necessary: Registration/deregistration for lectures/exercises
- Registration for labs
- etc.

# Topics

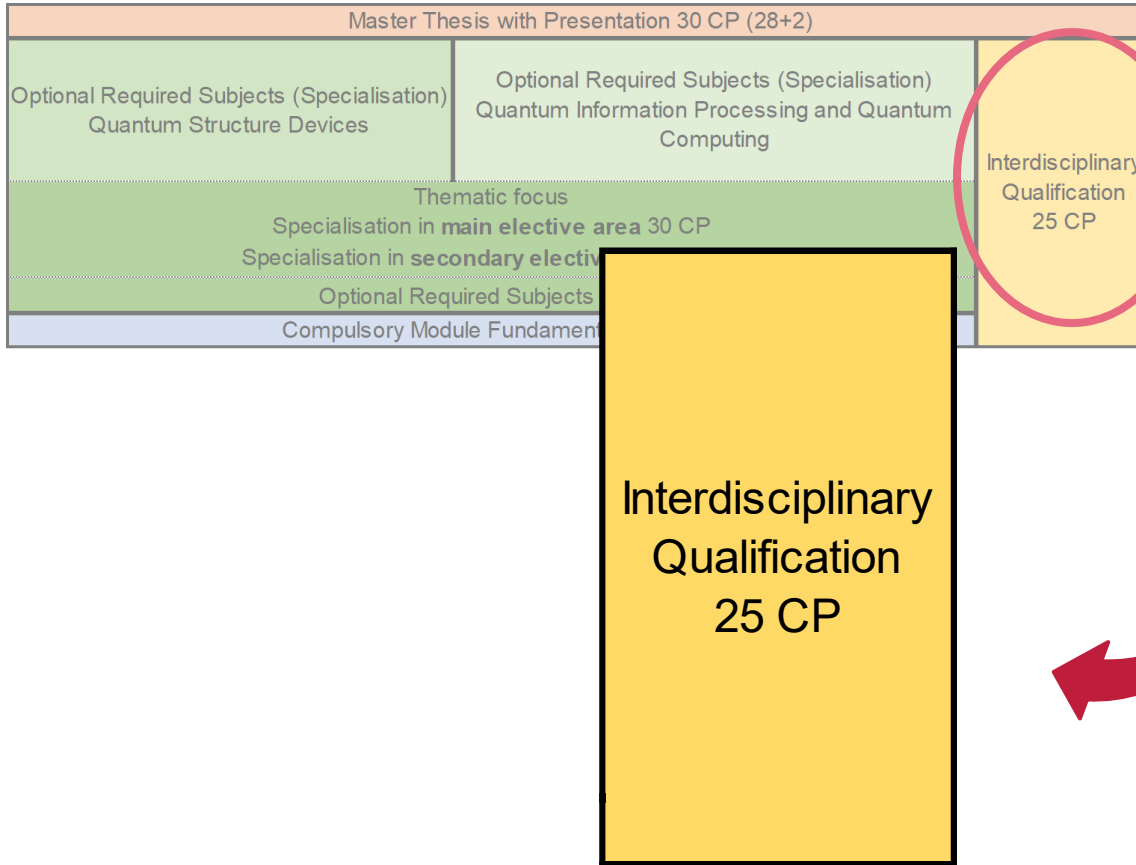
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# Study Programme Structure (in general) – 120 credits

Master Thesis with Presentation 30 CP (28+2)		
Optional Required Subjects (Specialisation) Quantum Structure Devices	Optional Required Subjects (Specialisation) Quantum Information Processing and Quantum Computing	Interdisciplinary Qualification 25 CP
Thematic focus Specialisation in <b>main elective area</b> 30 CP Specialisation in <b>secondary elective area</b> 20 CP		
Optional Required Subjects 50 CP		
Compulsory Module Fundamentals 15 CP		

- Regular period of study: 4 semester
- Modules consist mostly of lectures and exercises
- As proof of performance at the end: written *or* oral exam (depending on module)
- Course overview: TU Connect / Module Guide
  
- Please, do NOT choose courses in Physics within the 1<sup>st</sup> semester.

# Interdisciplinary qualification



# Interdisciplinary qualification

Interdisciplinary Qualification 25 CP		
Master's Team Project 8 CP	Industrial Internship 12 CP	
Project/Internship ( <i>Choose one</i> ) 8 - 12 CP		
Mentor Meeting	Seminar Lecture (presentation) 3 CP	<b>Professionalisation</b> 10 - 14 CP
Professionalisation 13 - 17 CP		

- **Professionalisation:**
  - Language courses (all Languages from level A1 onwards, except English – specific courses only);
  - Soft Skills courses,
  - all other courses NOT related to your studies
- **Seminar Lecture: offered by institutes** -> look on the respective website
- **Mentor Meeting** (Professors will contact you)
- **Master's Team Project or Industrial Internship** (see next slide)

# Master's Team Project or Industrial Internship

## Master's Team Project (8 credits)

- Duration: approx. **6 weeks** (40h/week)
- Workload: **240 h in total**
- Location: **institute at the university**  
(related to your studies)
- Working in groups: **3 – 4 students per group**
- At the end: **report and presentation**  
(ungraded)
- Details see the Module Guide

## Industrial Internship (12 credits)

- Duration: **10 weeks** (at least)
- Workload: **full time** (hours are depending on the company); part time possible  
(duration will be extended)
- Location: **industrial partner** (outside the university)
- **Supervisor (professor) at TU BS necessary**
- At the end: ungraded **presentation**  
(signed from supervisor)
- Details see the Module Guide

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- **Examinations**
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# Examinations

## Information on the faculty website

Just google it :



TU BS electrical engineering exams →

<https://www.tu-braunschweig.de/en/exams>

**Registration for exams**

-

**via TU Connect only!**

## Exams

Exams in the Winter Semester 2025/26

Exam registration period:  
15th December 2025 to 15th January 2026

→ [Overview registration periods](#)



Dear students,

Examinations must always be registered for and cancelled via [TUconnect](#). Only in exceptional cases, e.g. in the event of technical faults, please use the form under the menu item "Exam registration".

Examination dates

Exam registration

Exam deregistration

Sickness

Non-appearance | Not passed

Submission of final papers

▼ Studying

Bioelectronics Engineering | Bachelor

Electrical Engineering and Information Technology | Bachelor

Electrical Engineering and Information Technology | Master

Industrial and Electrical Engineering | Bachelor WIING-ET

Industrial and Electrical Engineering | Master WIING-ET

Computer and Communication Systems Engineering | Bachelor IST

Computer and Communication Systems Engineering | Master IST

Sustainable Power Systems and Electromobility | Bachelor NEEMO

Electromobility | Master EMOB

Electronic Automotive and Aerospace Systems | Master ELSY

Quantum Technologies in Electrical and Computer Engineering

Solar System Physics

Exams



# Examinations

## Registration of exams

- *Within a special period only:* 



Winter semester:

**15<sup>th</sup> December – 15<sup>th</sup> January**

Summer semester:

**01<sup>st</sup> June – 30<sup>th</sup> June**

## Deregistration of exams

- *For written exams*   
**2 days before the date of exam**  
(end of the penultimate day)  
→ Online (TU Connect) or at the Faculty Office
- *For oral exams*   
**7 days before the date of exams**  
→ Examination Office (email) and by the examiner

### Attention!

**Absence WITHOUT deregistration on time *or* medical certification**

**→ Failed attempt = 5.0 (NE = *not appeared*)**

# Examinations

**Examinations  
3 attempts**

**1<sup>st</sup> and 2<sup>nd</sup> attempt**



failed / not appeared

**Please, contact us.**

**3<sup>rd</sup> attempt !**



failed / not appeared

**Oral supplementary examination  
(NOT always possible)**



failed /  
not appeared



# Examinations

# Don't try to cheat!

## Deception

Attempt or Committing deception → 5,0

APO § 11(4):  
„The **mere possession** of an aid suitable for deception in the examination room is considered cheating.“

## Serious deception?

In particular:

- Electronic aids
- Repeated cheating
- Group cheating



**Final failure in studies possible!**



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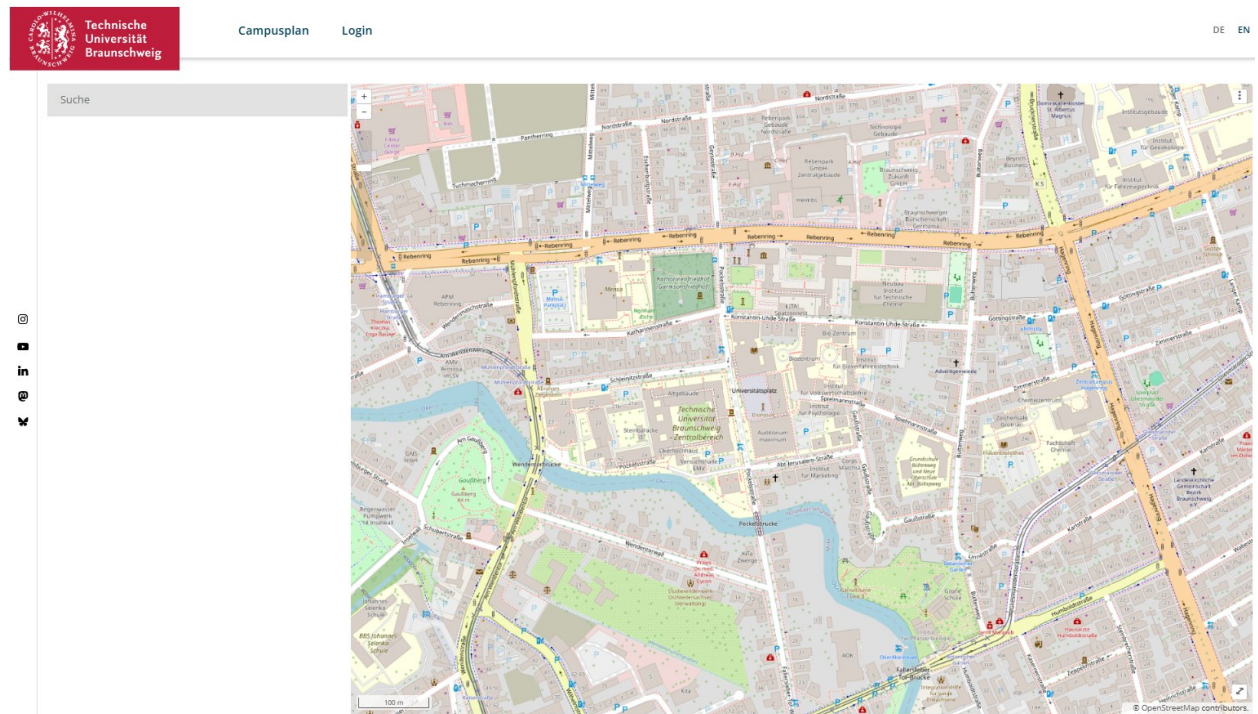
# Campus Map

Just google it : 

Campus map TU BS →

<https://campusplan.tu-braunschweig.de/>

- Searching for rooms and buildings which are parts of the campus



# Important (overview)

- ✓ **y-Number** activation  
(<https://www.tu-braunschweig.de/en/i-amt/after-enrolment>)
- ✓ Activate **@tu-braunschweig.de** email **and** check regularly → Invitation to Mentor-Meeting
- ✓ Join Study group at **Stud.IP**
- ✓ Exam **registration period** / exam **deregistration deadlines**
- ✓ **TU Connect** (courses overview)
- ✓ **Read and ask when you are unsure!**

# Contacts

## Examination Office

Liane Meishner

[pruefungsamt-qtec-eitp@tu-braunschweig.de](mailto:pruefungsamt-qtec-eitp@tu-braunschweig.de)

## Study Coordinator

Klára Seidl

[sgk-eitp@tu-braunschweig.de](mailto:sgk-eitp@tu-braunschweig.de)

## Internship Office

Frauke Grinda

[praktikantenamt-fk5@tu-braunschweig.de](mailto:praktikantenamt-fk5@tu-braunschweig.de)

## Dean of study

Prof. Dr.-Ing. Bernd Engel

[studiendekanat-eit@tu-braunschweig.de](mailto:studiendekanat-eit@tu-braunschweig.de)

## Head of study programme

Prof. Dr. rer. nat. Tobias Voß



## Study Coordinator LUH

Katrin Radatz

[radatz@maphy.uni-hannover.de](mailto:radatz@maphy.uni-hannover.de)

# Questions





Technische  
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**Good luck and all the best for your  
master's degree!**

Prof. Dr. rer. nat. Tobias Voß, Klára Seidl, 08<sup>th</sup> April 2026

# Examinations

