



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

Klára Seidl, 08th April 2026

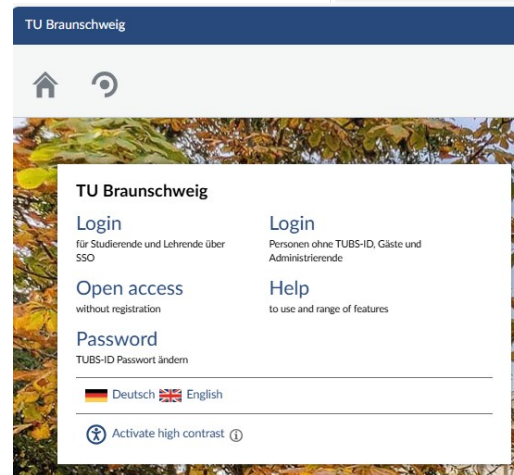
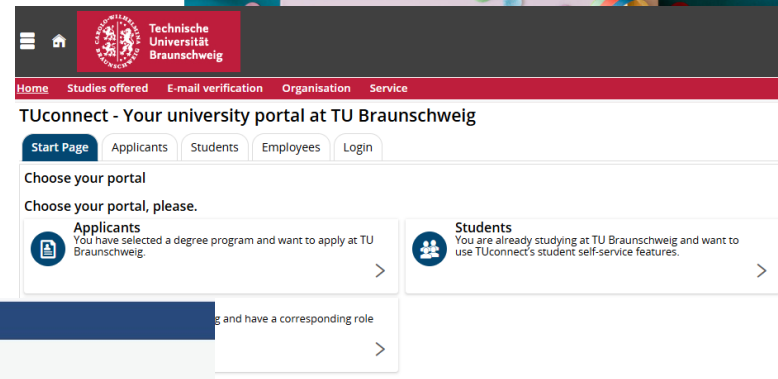
Topics

- 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

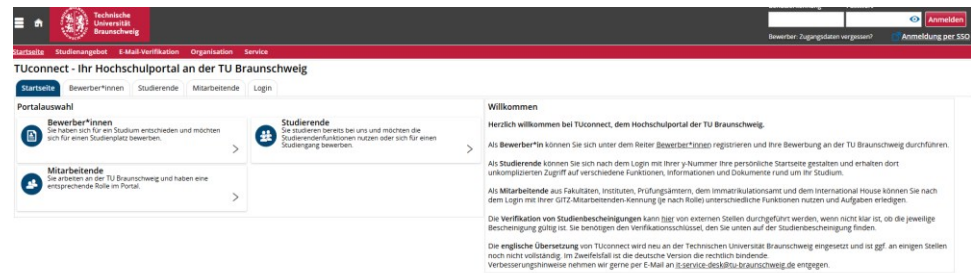
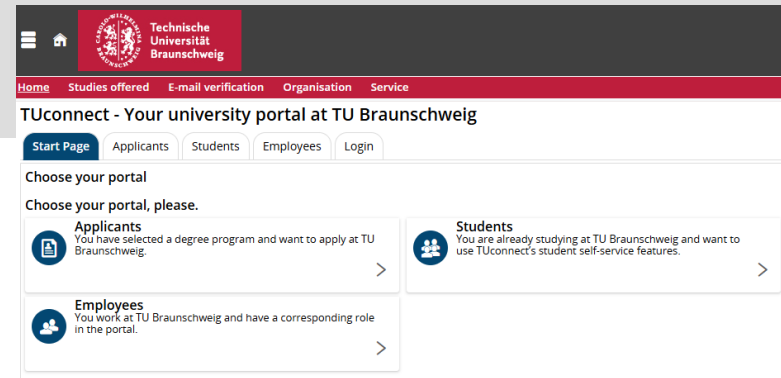
- TU Connect

Just google it :

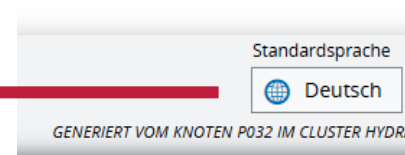
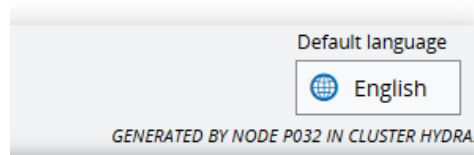


TU BS tu connect →

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

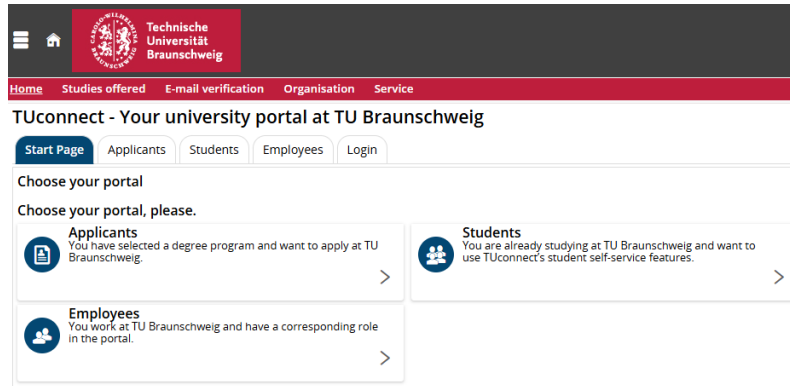


Switch the language DE -> EN



Sources of information

- **TU Connect**



The screenshot shows the TU Connect portal for Technische Universität Braunschweig. The header includes the university logo and navigation links: Home, Studies offered, E-mail verification, Organisation, and Service. Below the header, the main heading is 'TUconnect - Your university portal at TU Braunschweig'. There are four tabs: Start Page (active), Applicants, Students, and Employees. The main content area is titled 'Choose your portal' and contains three options, each with a right-pointing arrow:

- Applicants**: You have selected a degree program and want to apply at TU Braunschweig.
- Students**: You are already studying at TU Braunschweig and want to use TUconnect's student self-service features.
- Employees**: You work at TU Braunschweig and have a corresponding role in the portal.

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

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

Sources of information

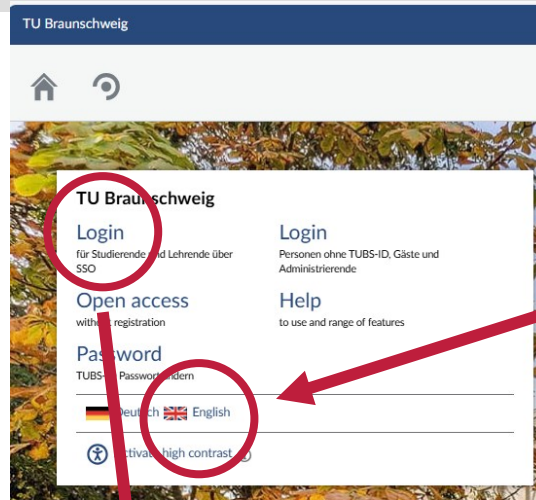
▪ Stud.IP (TU BS)

Just google it :



Stud.IP TU BS →

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

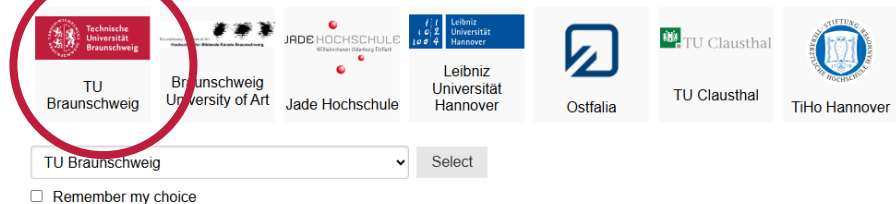


Switch the language DE -> EN



Select your identity provider

Please select the identity provider where you want to authenticate:

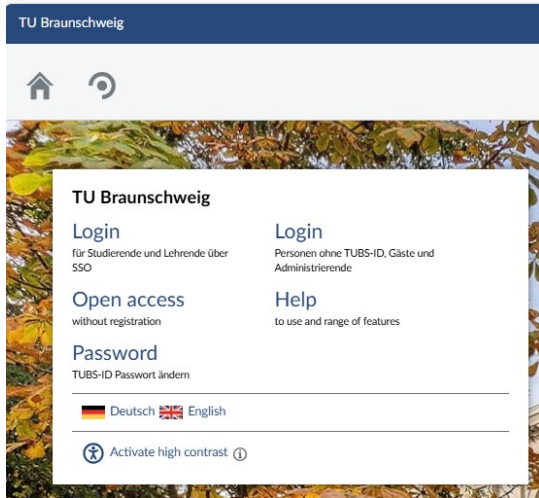


Login with
y-number



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

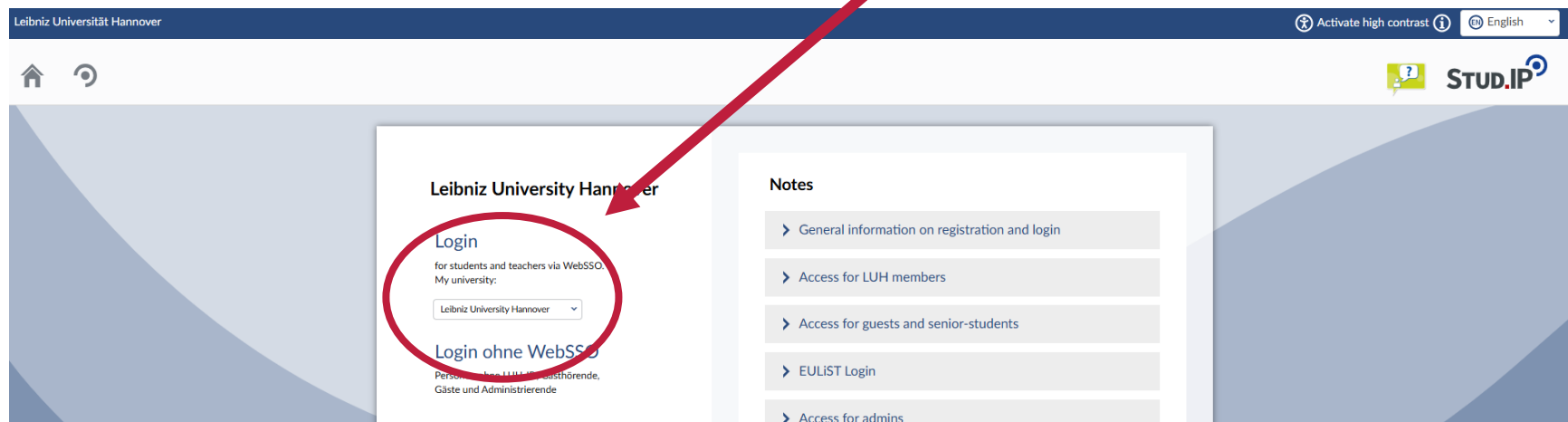
▪ Stud.IP (LUH)

Just google it : 

Stud.IP LUH →

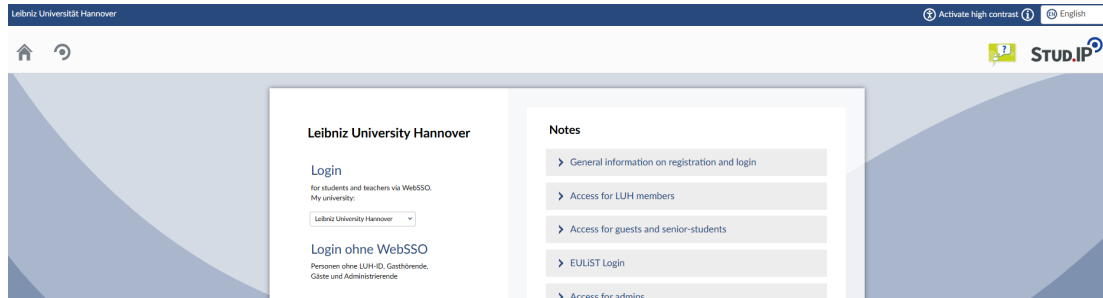
<https://studip.uni-hannover.de/>

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



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 main elective area 30 CP Specialisation in secondary elective area 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 1st semester.

Interdisciplinary qualification

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 main elective area 30 CP		
Specialisation in secondary elective area 30 CP		
Optional Required Subjects		
Compulsory Module Fundamentals		

Interdisciplinary Qualification
25 CP



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	Professionalisation 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

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:

15th December – 15th January

Summer semester:

01st June – 30th 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**

1st and 2nd attempt



failed / not appeared

Please, contact us.

3rd 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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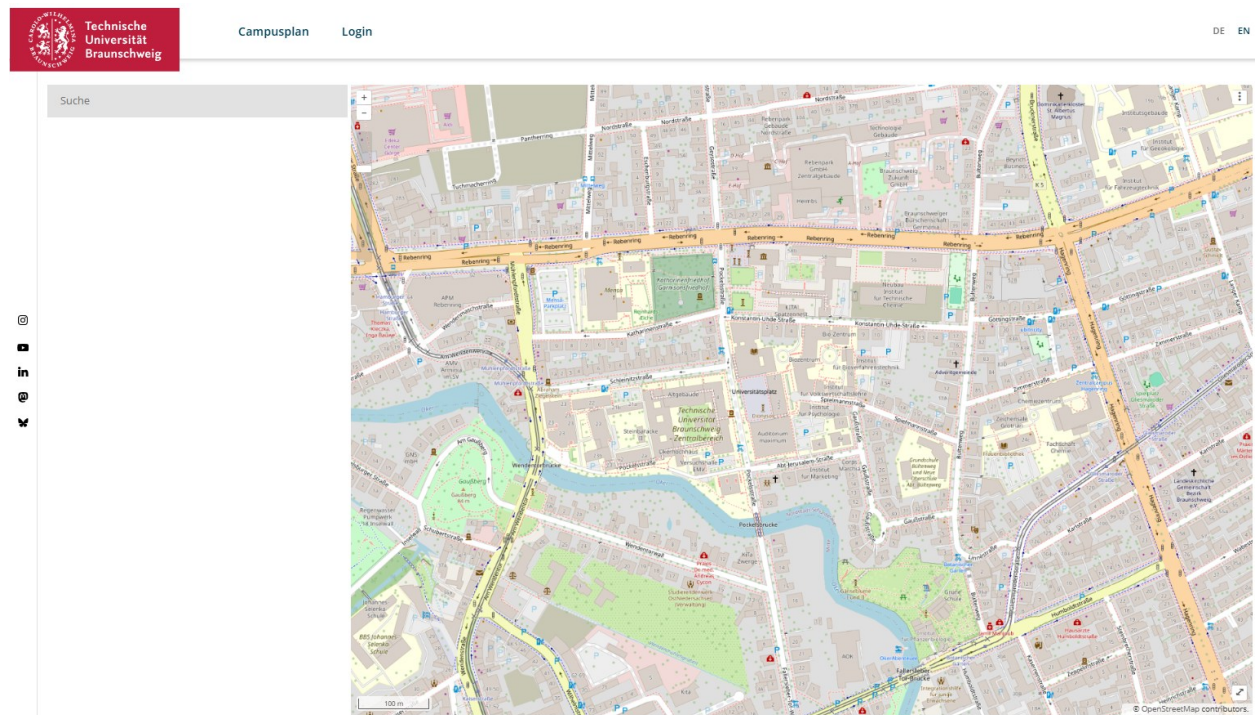
Campus Map

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

Study Coordinator

Klára Seidl

sgk-eitp@tu-braunschweig.de

Internship Office

Frauke Grinda

praktikantenamt-fk5@tu-braunschweig.de

Dean of study

Prof. Dr.-Ing. Bernd Engel

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Study Coordinator LUH

Katrin Radatz

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Questions





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

Klára Seidl, 08th April 2026

Examinations

