



Welcome

Welcome to the Faculty of Engineering – FAU

First Semester Student Reception



Professor Dr. Wolfgang Heiß
Dean of Studies III

- 01 Faculty of Engineering
- 02 Study Programs and Information
- 03 Student Information and Advice
- 04 Important FAU Online Portals
- 05 University Groups
- 06 First steps in Erlangen as a new student



- 01 FAU and Faculty of Engineering**
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- **1743** Opening of Friedrichs-Universität by Margrave Friedrich von Brandenburg-Bayreuth
- **1769** Expansion by Margrave Alexander und renaming as Friedrich-Alexander-Universität
- **Today**, FAU is the second largest university in Bavaria and bears the name **Friedrich-Alexander-Universität Erlangen-Nürnberg**, **FAU** for short
- **The seal** of the FAU shows the two margraves Friedrich und Alexander





Prof. Dr. Joachim Hornegger
President



Prof. Dr. Andreas Hirsch
Vice president People



Prof. Dr. Andrea Bréard
Vice president Education



Prof. Dr. Georg Schett
Vice president Research



Prof. Dr. Kathrin Möslein
Vice president Outreach



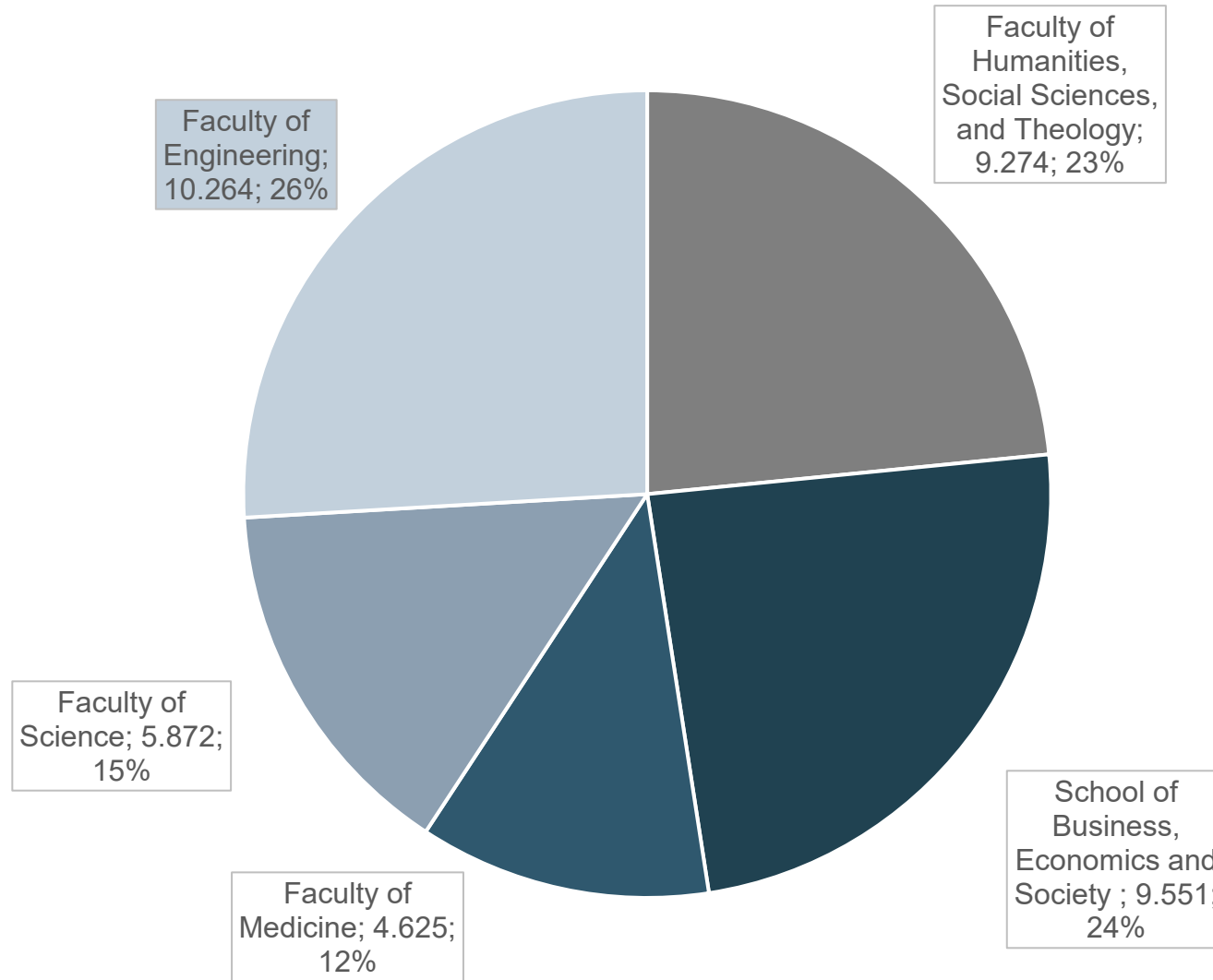
Christian Zens
Chancellor



Prof. Dr. med. Kerstin U. Amann
Women's representative of FAU



UL in internet



FAU: 39.568 students

Faculty of Engineering: 10.246 students

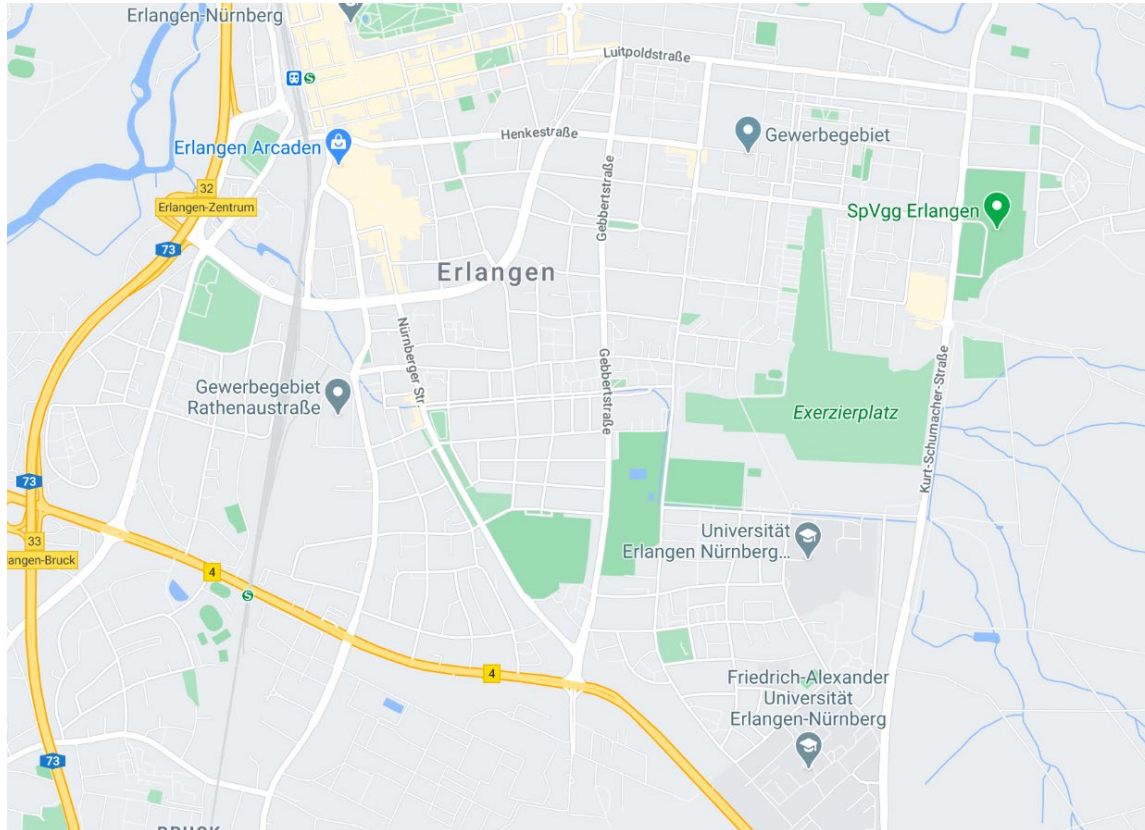
About 26% of all FAU students

Status: WS 2023/24

- Founded in 1966, the Faculty of Engineering is a world-class engineering education and research facility embedded in a full university and is the largest engineering university in Northern Bavaria
- Education focuses on methodological and fundamental training at a high level for undergraduate and graduate students
- Intensive contacts with industry
- Numerous research partnerships and collaborations with international research institutions
- Several locations in the metropolitan region: Erlangen, Nürnberg, Fürth, as well as others



Foto: Kurt Fuchs/Hi ERN, David Hartfield/FAU



South of Erlangen



Photo: G. Jakschik



<https://www.encn.de/kontakt>

- NCT Nürnberg Campus of Technology (Engineering for Smart Cities)
- EnCN Energy Campus Nürnberg
- Research Factory Nürnberg (Fraunhofer, FAPS)
- Joint Institute of Advanced Materials and Processes Fürth
- Bavarian Laserzentrum GmbH
- Fraunhofer-Institute (South campus and Tennenlohe)
- International Audio Laboratories Erlangen

SIEMENS



SIEMENS
Healthineers



brose
Excellence in Mechatronics



SCHAEFFLER



BOSCH

DAIMLER

DIEHL



PORSCHE

- Artificial Intelligence in Biomedical Engineering
 - 1 Chair, 7 professorships, 6 junior professorships
- Chemical and Biological Engineering
 - 12 Chairs, 11 professorships, 2 junior professorships
- Electrical Engineering
 - 15 Chairs, 14 professorships, 2 junior professorships
- Computer Science
 - 15 Chairs, 10 professorships, 3 junior professorships
- Mechanical Engineering
 - 11 Chairs, 4 professorships
- Materials Science and Engineering
 - 9 Chairs, 9 professorships



Fotos: D. Hartfiel und Fuchs

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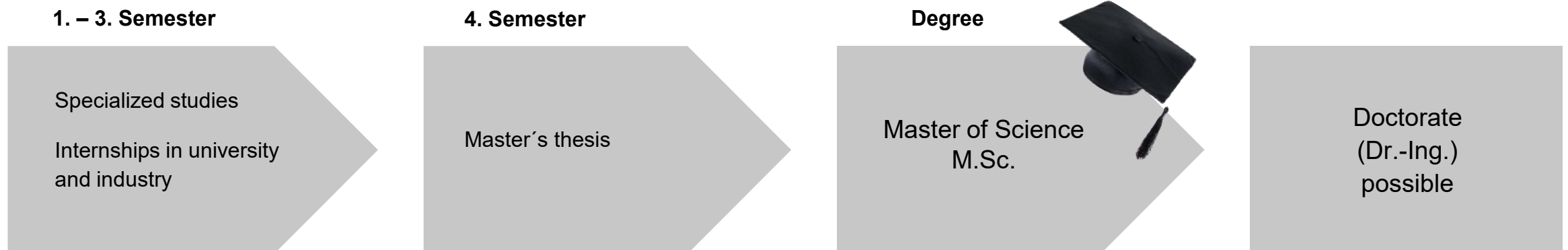


Photo: D. Hartfiel

- study in depth and specialize
 - in the same specialization as your BSc (consecutive)
 - interdisciplinary in another engineering topic (non-consecutive)
- specialize your studies through selecting modules
- Master's thesis
- Preparation for doctorate

The MSc degree:

- offers successful entry into the engineering profession
- offers further qualification for a doctorate



- Chemical and Biological Engineering (M.Sc.)
- Chemical Engineering – Sustainable Chemical Techn. (M.Sc.)
- Computational Engineering (M.Sc.)
- Computer Science (M.Sc.)
- Electrical Engineering (M.Sc.)
- Energy Technology (M.Sc.)
- Industrial Engineering (M.Sc.)
- Information and Communication Technology (M.Sc.)
- Life Science Engineering (M.Sc.)
- Mechanical Engineering (M.Sc.)
- Mechatronics (M.Sc.)
- Medical Engineering (M.Sc.)
- Technical Vocational Education & Training (M.Ed.)



Foto: Fuchs

Elite Master's Programs and English taught Master's Programs:

- Advanced Materials and Processes (M.Sc.)
- Advanced Optical Technologies (M.Sc., Elite Master's Program)
- Advanced Signal Processing and Communications Engineering (M.Sc.)
- Artificial Intelligence (M.Sc.)
- Autonomy Technologies (M.Sc.)
- Clean Energy Processes (M.Sc.)
- Communications and Multimedia Engineering (M.Sc.)
- Computational Engineering (M.Sc., Elite Master's Program)
- Electromobility ACES (M.Sc.)
- Information and Communication Technology (M.Sc.)
- Materials Science and Engineering (M.Sc.)
- Medical Engineering (M.Sc.)
- Nanotechnology (M.Sc.)



Foto: Dean Moriarty (Pixabay)

Study abroad

Several possibilities and different contact persons

Partner program		Contact
Direct partners of FAU („FAUExchange“) => Partner universities worldwide	➡	RIA = Central Office for International Affairs
Direct partners of TF => Partner universities in Argentina, Australia, China, Chile, Israel, Japan, Kolumbien, South Korea, Uruguay	➡	StIB = Office of Study Information and Advice / SSC TF
Direct partners of Departments/ Chairs => Partner universities worldwide	➡	SSCs of the departments, chairs
ERASMUS + Program => Partner universities in Europe	➡	ERASMUS-coordinators of the departments
Additional for study program WING und IP => Partner universities of the Faculty of Business (WiSo)	➡	International Office WiSo
FREEMOVER (no special partner university) => worldwide	➡	Self organized

Partner contracts are concluded at different FAU levels.

Therefore, there are **different contact persons** for the respective partner universities at the different levels.



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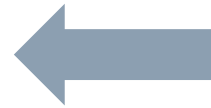


Photo: C. Mohr

The Study-Service-Center **Service Counter** is located in the MHB-building opposite of lecture hall H8

General service and advice:

- Finding rooms
- Support with the creation of timetables
- Issuing certificates for Soft-Skill-Seminars
- Lost property
- Information about qualified advice centers for further advice needs



Maria Zacharidou

Questions? SSC
Email is here



tf-stib@fau.de

Office of Student Information and Advice (StIB)

Faculty of Engineering Study-Service-Center – Office for further Advice



The Study Service Center (SSC TF) Office is located in the MHB building in room U 1.250

Further advice:

- General Information and advice for students related to their studies
- Support for inquiries about administrative bodies of the university
- Seminars for soft skills
- International partnership programs of the Faculty of Engineering
- Internships abroad



Gisela Jakschik



Christine Mohr

Questions? SSC
Website is [here](#)



Questions about your study program?

Departmental Student Service Centers



Department of Artificial Intelligence in Biomedical Engineering

Nora Manz (AI B.Sc.) – nora.manz@fau.de

Department of Chemical and Biological Engineering

Dr. Anna Hilbig – anna.hilbig@fau.de

Dipl.-Kffr. Karin Jess – karin.jess@fau.de

Department of Electrical Engineering

Dipl.-Ing. Almut Churavy – almut.churavy@fau.de

Lena Borke-Weber – lena.borke-weber@fau.de

Dr.-Ing. Janina Fischer – janina.fischer@fau.de

Joanna Kudanowska – joanna.kudanowska@fau.de

Dr. Stephanie Plass – stephanie.plass@fau.de

Department of Computer Science

Claudia Barnickel (Med. Engg.) – claudia.barnickel@fau.de

Dr. Christian Götz (CS) – christian.goetz@fau.de

Svenja Wübker (AI M.Sc.) – svenja.wuebker@fau.de

Dr. Felix Schmutterer (CE) – studienberatung-ce@fau.de

Department of Material Science

Dipl.-Ing. (FH) Frederik Leikauf – frederik.leikauf@fau.de

Dipl.-Ing. Susanne Michler – susanne.michler@fau.de

Rebecca Schuster, M.A. – rebecca.schuster@fau.de

Department of Mechanical Engineering

Dr.-Ing. Oliver Kreis – oliver.kreis@fau.de

M.Sc. Alexander Nasarow – alexander.nasarow@fau.de

Dipl.-Phys. Patrick Schmitt – patrick.schmitt@mb.uni-erlangen.de

Dr. Heidi Zinser – heidi.zinser@fau.de

Subject advisors are
available for each degree
program to answer specific
questions



Assistance with:

- Fear of speech, writing and exam
- Difficulties with learning, motivation problems
- Stress management
- Anger and impulse control problems
- Loneliness, depression, feelings of guilt, fears, thoughts of suicide
- Everyday studies with a chronic illness or disability
- Relationship, partner and family problems
- Identity and orientation problems
- Displacement from the parents and from the place of origin
- Questions about addiction and addictions (e.g. nicotine, alcohol, internet)
- Integration and cultural difficulties



Benjamin Ruopp,
Psychological
Psychotherapist
Room U1.252

Elizabeth Provan-Klotz, M.A.
Psychological Psychotherapist
Room U1.251

Erwin-Rommel-Str. 60
91058 Erlangen

[https://www.tf.fau.de/
infocenter/
psychologische-
beratungsstelle/](https://www.tf.fau.de/infocenter/psychologische-beratungsstelle/)



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Photo: C. Mohr

Campo: www.campo.fau.de

Student, exam and lecture platform

- Course Catalog
- Exam registration
- Grades
- Certificates
- Room Planning

StudON: www.studon.uni-erlangen.de

Learning platform of FAU

- Materials for courses
- Communication with the lecturer
- Access:
 - Registration at the platform via the central registration service:
www.sso.uni-erlangen.de
 - Access to the different courses via password or application at the course administrator

All portals:

<https://www.fau.eu/education/study-organisation/manage-your-studies-online/>



UnivIS: www.univis.fau.de/

Will be changed to <https://faudir.fau.de> soon.

Database

- Persons and departments
- Telephone and email directory
- Publication directory
- Vacancies
- Furniture and computer

All portals:

<https://www.fau.eu/education/study-organisation/manage-your-studies-online/>



FAUmail: <https://faumail.fau.de>

Students email account

- Connection by the Identity Management Self Service Portal (IdM):
www.idm.uni-erlangen.de
- Contact address for information from the examination office, the students records office and the university in general

Please activate your account as soon as possible.
You can redirect it to your private email address.

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Photo: Hartfiel

What is a university group (HSG) ?

- A voluntary association of students
- Integrated into a nationwide network



What do I get from being part of a university group?

- Independent work
- Teamwork, soft skills
- Non-university contacts (network)
- Companies like to see engagement
- Fun!!

Events and activities

- Field trips
- Lectures from companies
- Company contact fairs

FAU FabLab



Who are we?

- Students and volunteers of their respective course of studies

What we do:

- Information and support regarding studies, student-life, Erlangen and more
- Collection of learning-materials (e.g. exams, books and more)
- Social events: BBQs, Pubnights, ...
- Help for communication between students and professors/administration

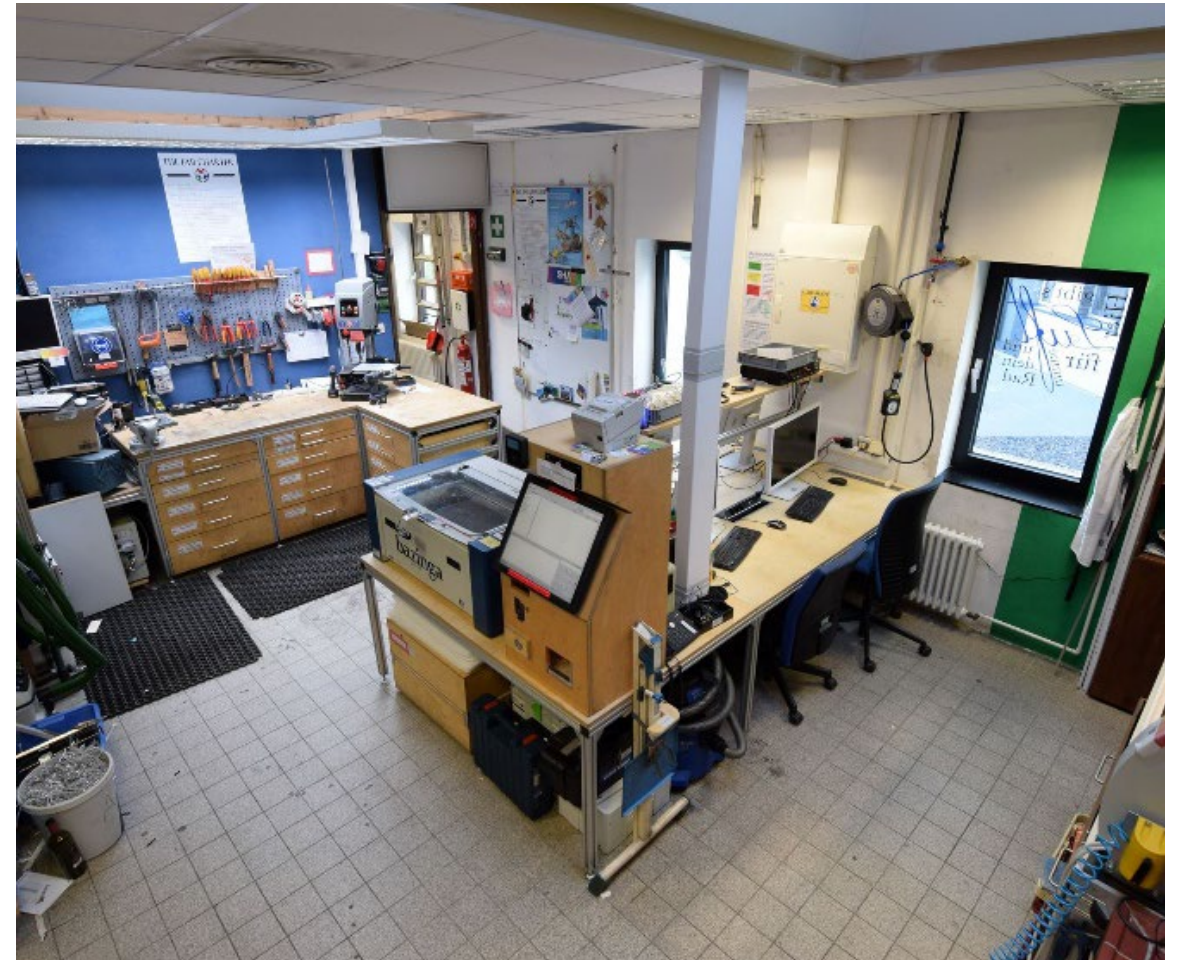
List of all available FSI groups:

<https://stuve.fau.de/en/stuve/fak-dep/fsien/>

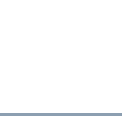


Photo: Maerten

- The open workshop FabLab (fabrication laboratory) aims at computer-controlled manufacturing.
- Everyone can put their ideas into practice.
- For this purpose, high-tech machines and the necessary knowledge are available in order to achieve the impossible.
- Location: Room U1.239, Erwin-Rommel-Straße 60, 91058 Erlangen
- Website: <https://fablab.fau.de/en/>
Contact: kontakt@fablab.fau.de



- Language centre
<https://sz.fau.eu/courses/>
- University sports
<https://www.hochschulsport.fau.de/>
- University music
<https://www.musik.fau.de/>
- Career Service
<https://www.fau.eu/education/advice-and-services/career-service/>
- Legal advice of Studentenwerk
<https://www.werkswelt.de/index.php?id=rechtsberatung>
- Family service
<https://www.familienservice.fau.eu/>
- University church communities
<https://www.khg-erlangen.de> und <https://www.esg-erlangen.de>



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- **Semester period:**
01 April 2025– 30 September 2025
 - **Lecture period:**
23 April 2025– 25 July 2025
 - **Holidays (lecture-free):**
 - 1 May 2025 (Tag der Arbeit, Labour Day)
 - 29 May 2025 (Christi Himmelfahrt, Ascension Day)
 - 9 June 2025 (Pfingstmontag, Whit Monday)
 - 19 June 2025 (Fronleichnam, Feast of Corpus Christi)
- Public holidays outside the lecture period:**
- 18 April 2025 (Karfreitag, Good Friday)
 - 21 April 2025 (Ostermontag, Easter Monday)

<https://www.fau.eu/education/study-organisation/semester-dates/>

Re-registration for the Winter Semester 2025/26 by transfer of semester fees within the first weeks of July 2025



Foto: C. Mohr

You are responsible for your studies

- Find out about the legal framework: Read the **general examination regulations** for the Bachelor and Master courses (**ABMPO**) of the FAU and the subject examination regulations (**FPO**) for your subject.
- **Get started right away:** An average of 1,800 hours are earmarked for the acquisition of 60 ECTS per year, which corresponds to full-time work.
- Join together in **study groups** and get excited about your studies.
- Do not postpone a GOP examination (for Bachelor's only), otherwise you will run out of time.

When things become tight... **do not hesitate:**

- Get advice from fellow or senior students, staff members of the chairs, professors.
- Limit yourself to the essentials.
- **Use the advice and help offers at an early state of your problem :**
 - Academic Advisors
 - Math consultation
 - Study-Service-Center

Important:
General rules
for examinations



-
- Most important: Be sufficiently prepared for the exam.
 - Be quiet: no talking / whispering during the exam.
 - No partner work / group work during the exam.
 - When the time for the exam is over, you are not allowed to continue writing.
 - Cheating or attempts to cheat during the exam will lead to serious consequences! (You will fail the exam with grade 5.0 etc.)
 - Please do not engage in extensive discussions with the examiners.
 - Please do not criticize the examiners harshly, e.g. during the exam meeting, e.g. during the examination review. Threats do not help at all to get the necessary exam points.



The „Bildungsticket“ (= 38 euros ticket) covers transportation all over Germany.

- If you would like to use public transport, you can purchase the “Bildungsticket” for **38 euros per month** yourself via the [VAG subscription portal](#).
- The ticket is across Germany in local public transport (ÖPNV) as well as for regional public transport (S-Bahn, Regionalbahn, but **no** ICE).
- The ticket also includes 600 free minutes of bicycle hire each month with the “VAG Rad” scheme.

Information: <https://www.fau.eu/education/student-life/semester-ticket/>

Purchase of the ticket: https://meinabo.vag.de/abo/new.aspx?produkt=16230706_1

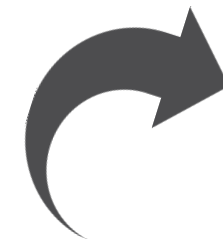


First steps in Erlangen and at FAU

Overview



1. Opening a bank account
2. Health insurance
3. Signing the rental agreement
4. Registration at the City
5. Enrolment at FAU
6. Residence permit
7. Liability insurance



Introductory videos



First steps

Last but not least: A few words about the crazy Germans

Garbage separation – handshakes –
– equality – festivals and more

Learn more about the crazy Germans:

<https://www.expatica.com/de/living/integration/social-etiquette-in-germany-106557/#overview>



Photo: pixabay



Photo: pixabay



Photo Seebeck



Photo: pixabay

Photo: Kulla

Welcome Faculty Program

12:00 pm – 12:35 pm Welcome and information by the Faculty of Engineering, Prof. Heiß, **H9** and Zoom

12:35 pm – 12:45 pm Information ATE, Prof. Wensing, **H9** and Zoom

12:45 pm – 1:00 pm Information Library, Ms. Bexkens, **H9** and Zoom

1:15 pm - 2:15 pm Parallel time slots:

- **Dep. Chemical and Biological Engineering** (e.g. **CBI, CEP, CEN, LSE**):
Cauerstr. 4, room **KS I**
- **Dep. Computer Science and AI** (e.g. **AI, Computational and Medical Engineering**):
Martensstr. 7, **H16**
- **Dep. Electrical Engineering** (e.g. **AT, ASC, ICT, CME**): Cauerstr. 7-9, **H15**
- **Dep. Mechanical Engineering** (e.g. **ACES, IP, MB, WING**): Cauerstr. 11, **H12**
- **Dep. Materials Science** (**Mat. Sc., NANO**): Cauerstr. 11, **H13**

2:30 pm - 3:30 pm Campus Rallye

3:30 pm – 5 pm

Get together, meeting on the “red place” (Roter Platz) or in case of rain Foyer of CBI-building, Cauerstr. 4 (“Brezeln” and beverages)



Alumni-Network ATE der Technischen Fakultät

Service and Events for TF-students

- Job portal
- Field trips
- Career events
- Mentoring program
- Scholarship
- Program for highly talented students
- Business meets students

<https://alumnite.de/>

The Online job portal of ATE for the faculty of engineering

Internships, part time jobs,
student jobs in industry,
final theses



<https://alumnite.de/jobs>

Welcome to FAU Libraries

FAU Library Basics

- 1 FAUcard – your Library Card
- 2 Locations of FAU Library
- 3 Library Services
- 4 VPN - Virtual Private Networks
- 5 Website



1 FAUcard – your Library Card



Before checking out books with your FAUcard you have to...

- ...log in to www.idm.fau.de (IdM-Portal)
- ...choose **requests/tasks** in the menu bar
- ...*Activate University Library (UB)*
- ...accept terms and conditions of use (ABOB)
- ...wait until the next work day

1 FAUcard



UB ID below barcode

Initial password for first login to your library account/ catalogue:
Date of birth in 8 digits: **DDMMYYYY**

2 Locations of FAU Library

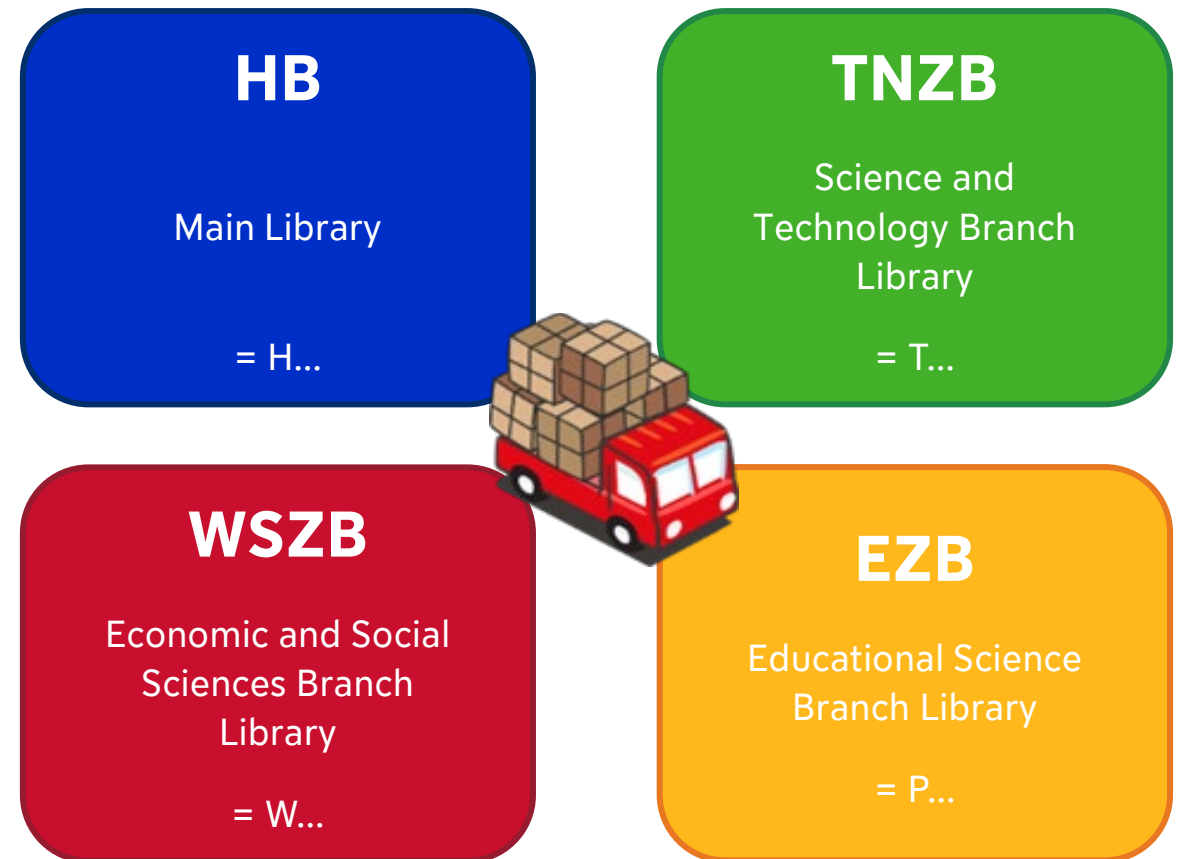
2 Locations of FAU Library

Four central library locations

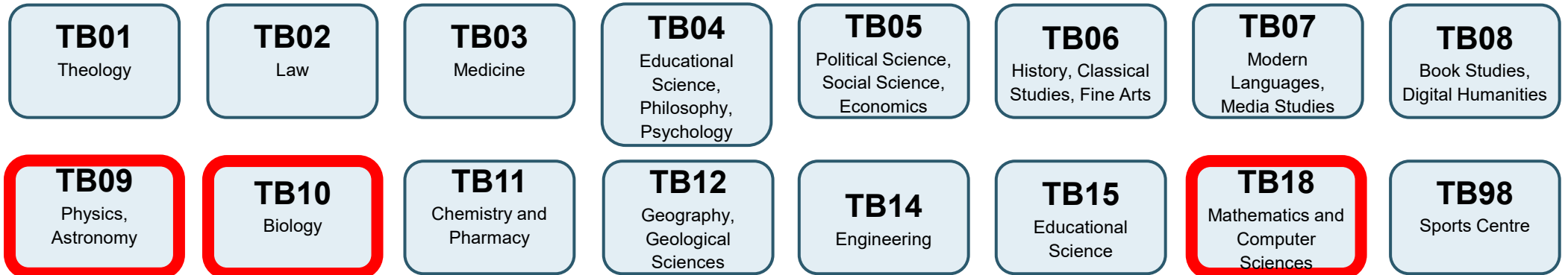
- Main Library
- 3 Branch Libraries

Books for loan or order (inter-branch delivery service)

- Total number of loans: 100 books
- Standard loan: 4 weeks
- Renewals: 6 times
- check due dates and renew loans online 24/7 – be fair and avoid fines



Departmental Libraries – more than 130 library locations



- Circulating libraries vs. Reference collection
- Different conditions for checkout and loan periods
- No delivery service
- Addresses & opening hours: ub.fau.de/en/locations-opening-hours

3 Library Services

3 Library Services



Textbooks, scientific literature, journals, standards



Study spaces / Carrels
Lockers



Internet terminals



Multi-function printers
and scanners



Self-checkout machine



Validation station, top-up machine and
payment terminal – on campus

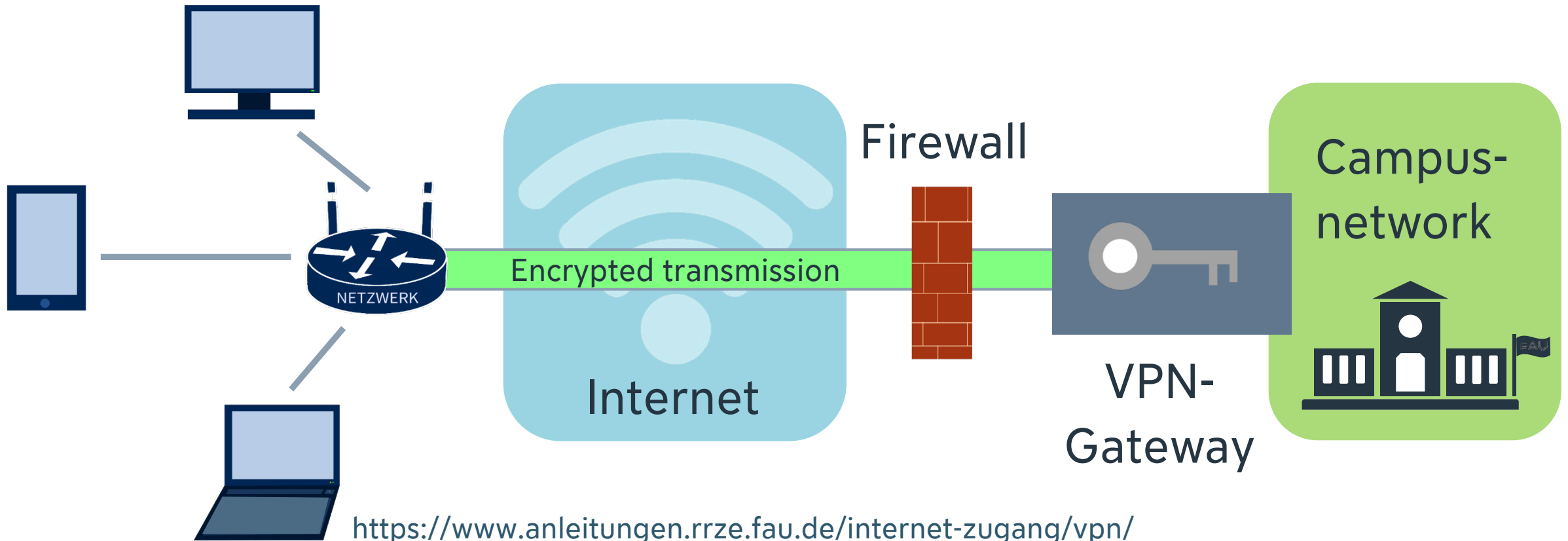


4 VPN - Virtual Private Networks

4 VPN

Access to licensed online content via VPN for FAU students and staff

Virtual Private Networks = Encrypted and secure connection to university network
for FAU students and staff

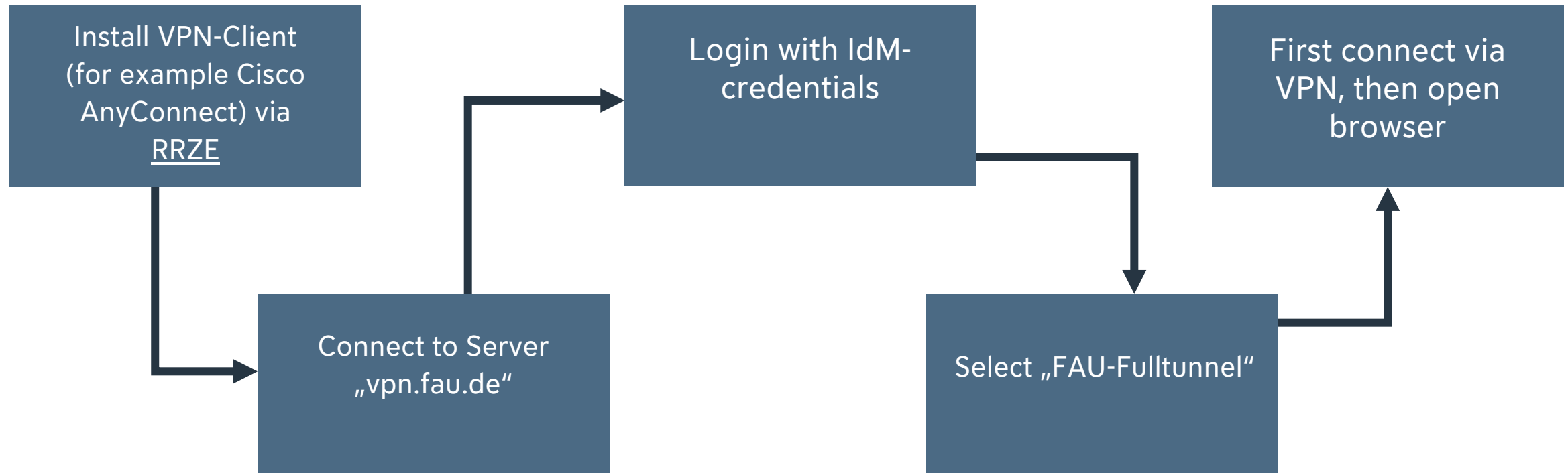


4 VPN

Access to licensed online content via VPN for FAU students and staff

Follow these steps to connect via VPN:

Tutorial: [E-Tutorial: VPN and access to electronic books for FAU ass](#)



5 Website

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<https://ub.fau.de/> <https://ub.fau.de/en/>



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[FAUdok](#)

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[Library Account](#)

[Databases](#)

[Ejournals](#)

[OPEN FAU](#)

[FAQ](#)

Pick-up Location ▾

Please enter a search term

Search

Search the entire holdings of the University Library. Search in [catalogue](#) ([OPACplus](#)).

Thank you for your attention!

Your FAU Libraries

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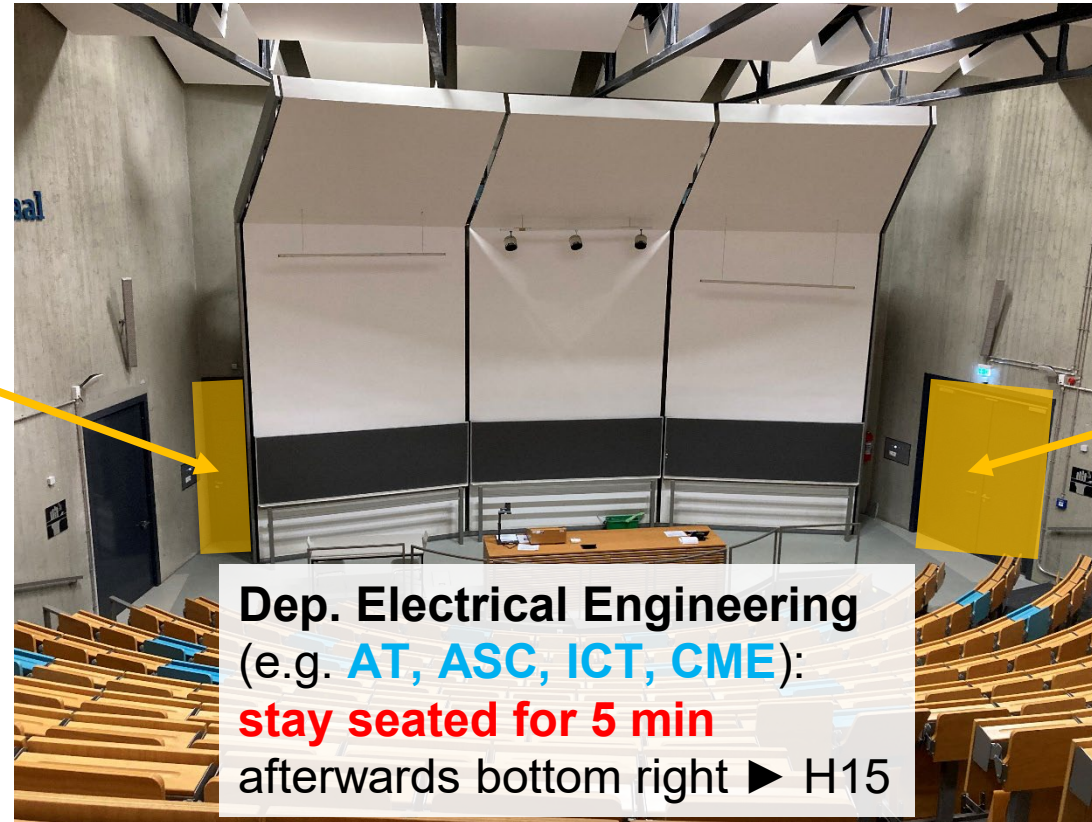
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Welcome Faculty - Grouping

Dep. Chemical and Biological Engineering 4
(e.g. **CBI, CEP, CEN, LSE**):
bottom left ▶ KS I

Dep. Computer Science and AI 3
(e.g. **AI, Computational and Medical Engineering, TSE**):
bottom right ▶ H16



Dep. Materials Science 2
(**Mat. Sc., NANO**):
Top left ▶ H13

Dep. Mechanical Engineering
(**ACES, IP, MB, WING**):
Top right ▶ H12 1

**Good luck –
and a good start to your studies!**