



Dean of Studies Office Civil Engineering  
Faculty for Civil Engineering  
and Geodetic Science



Leibniz  
Universität  
Hannover

# Starting Master

Information for new Master Students

Summer Semester 2024

Computational Methods in Engineering M.Sc.

Environmental Engineering  
Track "Resources and Environment" M.Sc.

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## Studies

### Modularisation and Module Offer

The courses are modular, which means that thematic and time-related lectures are combined into one module. For each course there is a module overview and descriptions, which you can find on your course website.

A module is passed if the examination performance has been successfully passed and the corresponding study performance (eg. exercise) has been performed. The credit points assigned to the module are not assigned until the entire module is completed.

### Credit Points

Credit points are assigned to the modules according to the ECTS (European Credit Transfer System). They reflect the average workload. A performance point is equivalent to 30 hours of work for average students, who are sure to master the basics of the respective module. The regular study plan schedules studies and examinations of 30 credits per semester.

### Registrations

As a rule, two registrations are required per module: a registration for the course via Stud.IP and an exam registration via HIS-QIS. The access data can be found along with your enrollment certificate. The Stud.IP registration gives you access to all essential information, such as scripts. The exam registration is mandatory and works via online registration; it is bound to registration periods (please see course website). Anyone who subscribes to the newsletter of the Fachschaft will receive an email reminder. If you decide not to do the exam after having registered you **MUST** de-register within the deadlines depending on the form of the exam. All deadlines concerning exams can be found on the course websites.

### Examination Periods

Courses and related examinations are offered in the summer or winter semester. There are two examination periods (I and II) at our faculty each semester – one directly following the lecture period and one shortly before the start of the new semester. Failed examinations can be repeated in the same semester during examination period II. **Examinations from the modules offered by other faculties are an exception.** Here the retest usually only takes place in the following semester. The examinations of other faculties with only one examination date **must be registered in the first examination period (PZ I).**

### Examination Regulations

The examination regulations regulate the details of the examinations to be performed during the studies. You can find them on the course website. Please note that there is a revised examination regulation starting in winter semester 2022/23.

### Course Website

On the course website you can find all relevant information about your course. The course website for Computational Methods in Engineering is available [here](#), for information about environmental engineering you can click [here](#).

### Failing Regulations

A failed examination can be repeated twice. If the third attempt of a written exam is unsuccessful, there will be an oral supplement exam. For further information, please see §14 of the Examination Regulations.

## Going Abroad

There are many opportunities to study abroad during your Master's Degree. In the following we present you some possibilities. If you are interested, please contact the responsible authorities. They have more information for you.

### International Programmes of the Faculty

The faculty cooperates with numerous foreign partners in research and teaching, see also <https://www.fbg.uni-hannover.de/en/faculty/international/>. In addition to the ERASMUS programmes, there are partnerships with renowned domestic and foreign European universities: for example, the Tongji University in China or the Ain Shams University in Egypt. In addition, there are international contacts from research cooperation projects. If you want to specialize in a particular discipline and you are looking for a suitable university abroad, ask the appropriate institute for help.

### ERASMUS

The faculty's Erasmus programme offers you partner universities throughout Europe. The advantage of ERASMUS is that you do not have to pay tuition at the foreign university and that you receive a monthly financial subsidy. For a study period abroad in the next winter semester and/or the following summer semester, the application deadline is January 15th. For advice, contact the ERASMUS Coordinator (Khalid Abdel-Rahman, Institut für Geotechnik) or get informed at <https://www.fbg.uni-hannover.de/en/faculty/international/erasmus/>.

### International Office

You already completed an ERASMUS semester during your Bachelor's Degree or your desired university is on the other side of the planet? If it takes you further than Europe, you can contact the International Office. The Leibniz Universität has a worldwide network of partner universities for all disciplines. Each region has its own contact person. You will find a checklist for your stay abroad, as well as for the preparation and follow-up on their [website](#). The International Office is located on the right hand side of the castle in Welfengarten 1A.

### Activities outside of Study

Of course, the study does not only consist of term papers, exams and lectures. In Hanover, there are countless possibilities for night owls, competitive athletes or nature lovers – there is something for everyone.

The Fachschaft of Civil Engineering (Student's council) has the best tips on where to go in the evening and during the day. They also organize regular parties. Current information will be shared on the [website of the Fachschaft](#).

## Orientation

### Introductory Events

#### Welcoming Event and Consultation Meeting

The most important introductory event is the Welcoming Event. The events are offered individually for each master's degree programme at the beginning of the first semester. This is where study advisors, students and staff of the Dean of Studies' Office get to know each other and where study plans are discussed. You will also get valuable tips and tricks for starting your studies. You will find the corresponding dates on the website ([Environmental Engineering – Ressources and Environment](#), [Computational Methods in Engineering](#)).

#### Campus Tour, Rallye and Party

Every semester, the student council offers events (not only) for first year students.

For more information check the [Fachschaft's website](#).

### Semester Dates

Shortly after the beginning of the semester you should register for the exams. You can register via the Internet portal [gis.verwaltung.uni-hannover.de](http://gis.verwaltung.uni-hannover.de) with the personal data sent to you by mail. If you change your mind, you can resign from the exams until a certain date. The dates can be found below and on the website of the faculty.

Please note that the re-registration period for the next semester is usually before the beginning of the examinations. You have received a bank transfer form with your student ID. Further information can be found on the LUH website.

On the following page you will find all relevant dates for the upcoming semester.

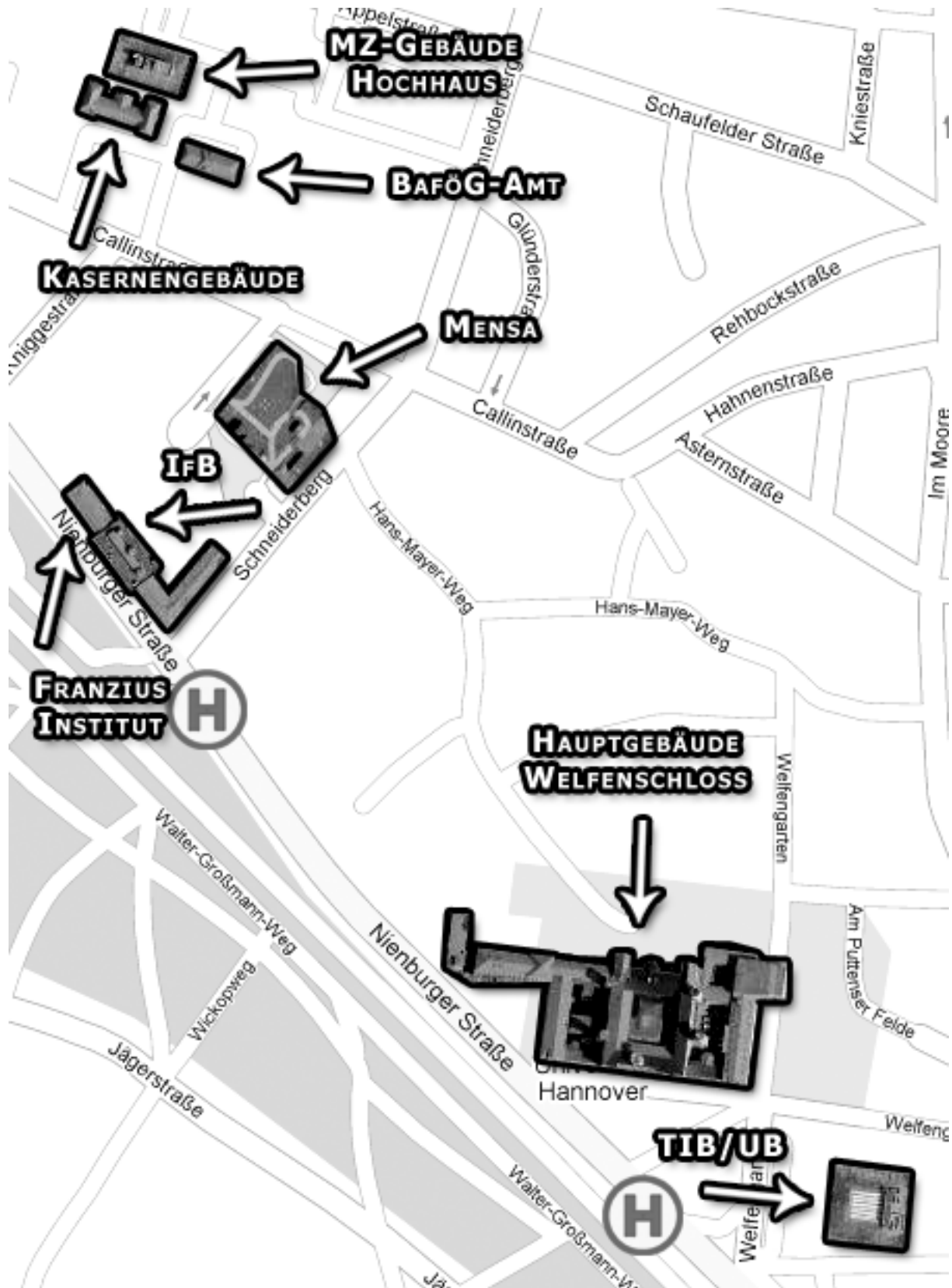
## Summer Semester 2024

Semester duration	Sat, 01.04.2024 – Sat, 30.09.2024
Lecture period	Tue, 02.04.2024 – Sat, 13.07.2024
Break (excursion week)	Tue, 21.05.2024 – Sat, 25.05.2024
Notification exam results of examination period II WiSe 2023/24	cont. until Fri, 26.04.2024
Exam registration VbP (Veranstaltungsbegleitende Prüfungen) and Studienleistungen (incl. ZQS seminars)	Mon, 15.04.2024 – Tue, 30.04.2024
Cancellation of registered VbP	cont. until the beginning of the first part of the exam or for exams with deadlines until the topic is issued
Examination period VbP *	Wed, 01.05.2024 – Sat, 31.08.2024
Notification exam results VbP	cont. until Sun, 15.09.2024
Exam registration examination period I (HA, K, KA, MP, PB, PJ and SP)	Wed, 15.05.2024 – Fri, 31.05.2024
Cancellation of registered exams, examination period I	- cont. until 7 days before the start of the exam (K, KA) - cont. until 1 day before the start of the exam (MP, SP) - cont. until the start of the exam or until the topic is issued (HA, PB, PJ)
Examination period I*	Mon, 22.07.2024 – Sat, 03.08.2024
Notification exam results examination period I	cont. until Thu, 12.09.2024
Exam registration examination period II (HA, K, KA, MP, PB, PJ and SP)	Mon, 16.09.2024 – Mon, 23.09.2024
Cancellation of registered exams, examination period II	- cont. until 7 days before the start of the exam (K, KA) - cont. until 1 day before the start of the exam (MP, SP) - cont. until the start of the exam or until the topic is issued (HA, PB, PJ)
Examination period II*	Tue, 24.09.2024 – Tue, 08.10.2024
Notification exam results examination period II	cont. until Sat, 26.10.2024

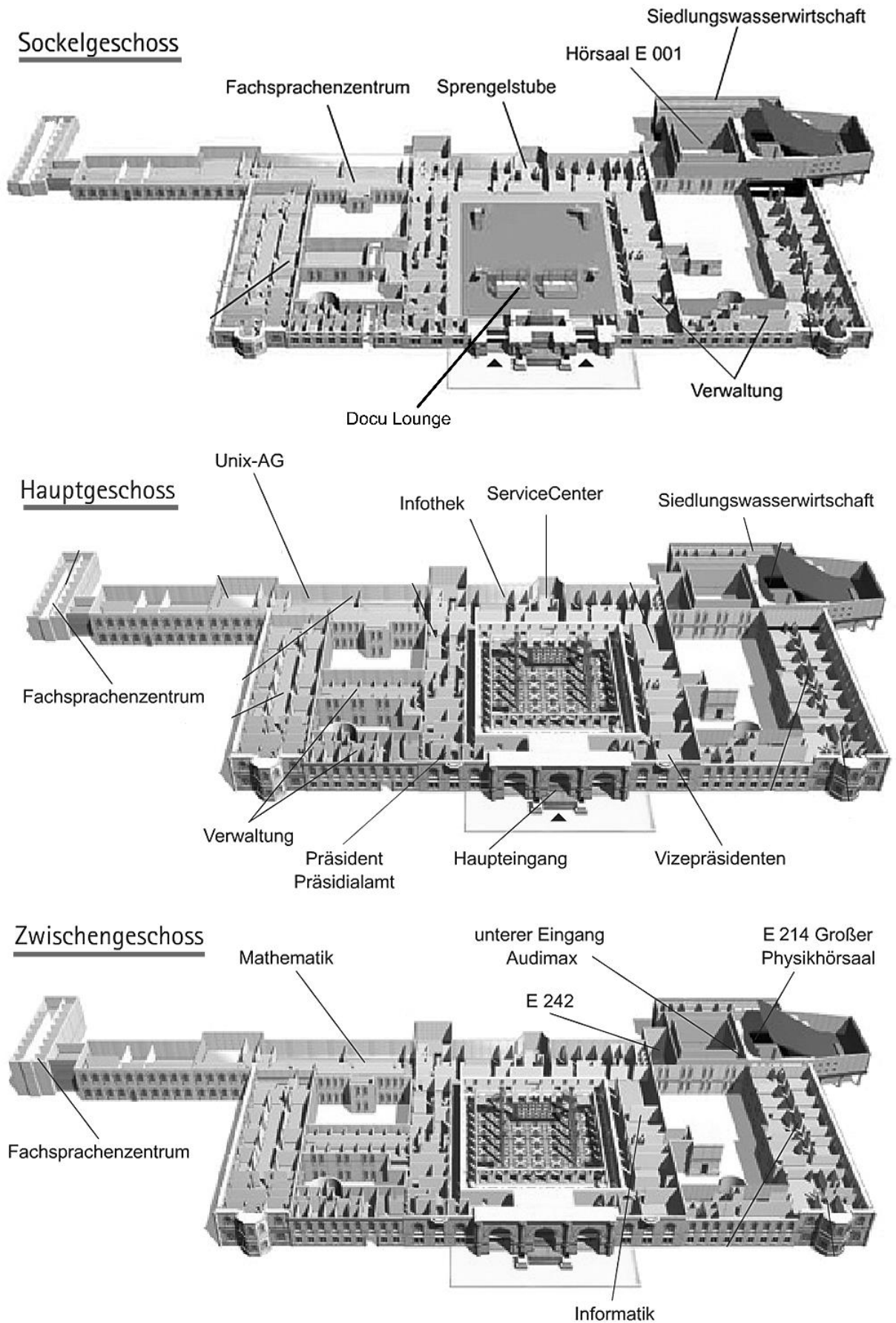
\* For examinations from the offer of other faculties, teaching units and facilities please also note the details in the examination plan and notices of the institutes.

## Rooms and Buildings

### City Map University District

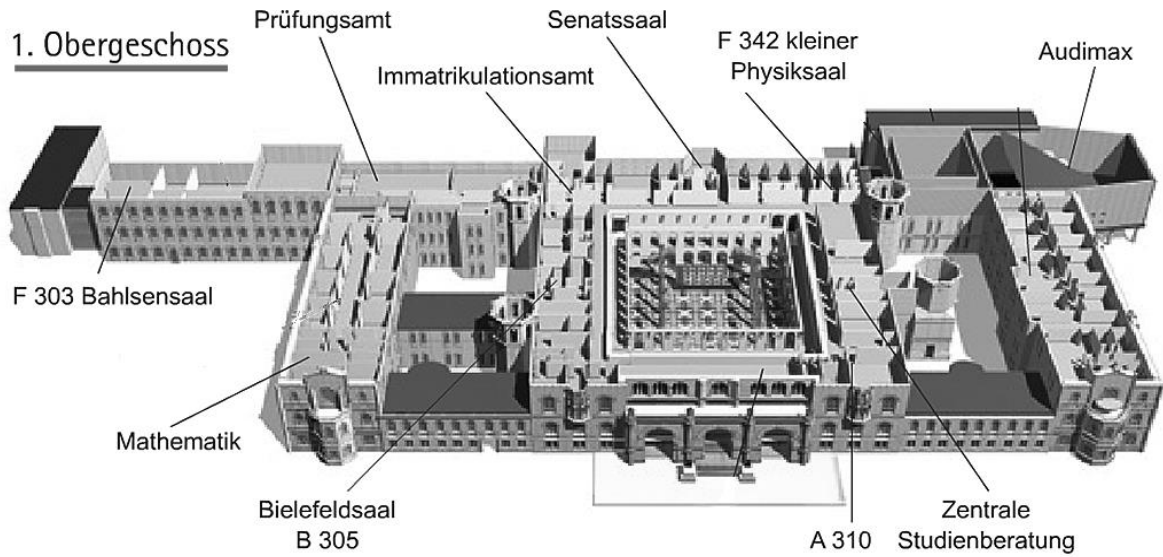


Welfenschloss (1101), Welfengarten 1

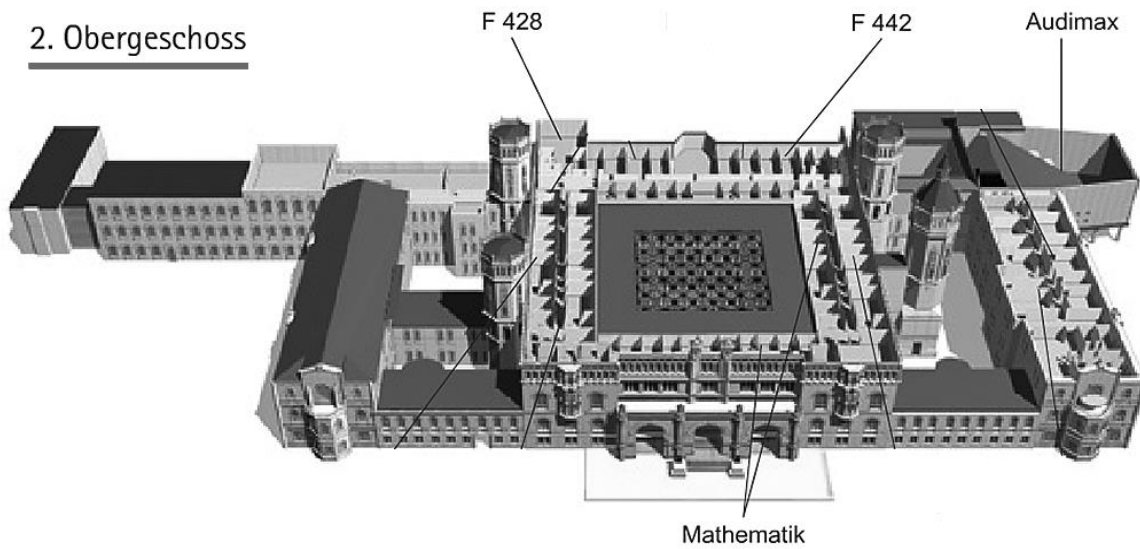




1. Obergeschoss

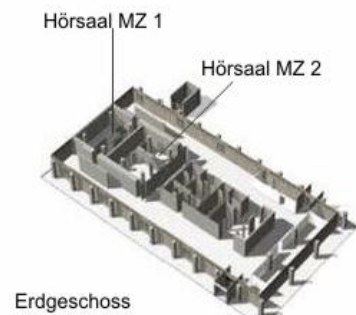
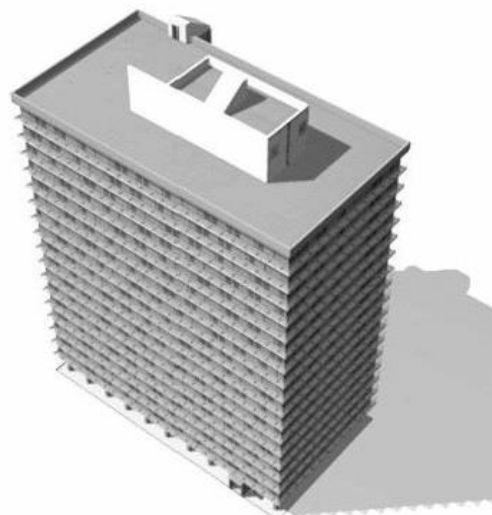


2. Obergeschoss



MZ-Hochhaus (3408), Appelstraße 9A

MZ-Hochhaus Appelstraße 9A



### Former Barracks Building (3407), Callinstr. 34

In front of the high-rise building you will find the barracks building housing the Deanery, the Dean of Studies Office, the Fachschaft, the Learning Lounge, the CIP Pool, some work rooms, the „Hohlraum“ (cave) and the Institute for Risk and Reliability.

#### Learning lounge

On the second floor of the barracks building is the learning lounge with a coffee machine, sofas and learning tables for group work. You can also sit in the TIB or the main building of the university. In addition, students of civil engineering have a certain number of rooms available in the university. Anyone can apply for a desk in its own workspace at the Fachschaft. In addition to these rooms, you can ask our institutes for a work or seminar room. When someone from your study group feels responsible for the room and takes care that the room will be locked again, you will get access by one of the staff members.

#### CIP-Pools and CAD-Pools

Each student can apply **online** and use the rooms during the opening hours (Mon–Thu: 08:00 a.m.–8:00 p.m., Fri: 08:00 a.m.–06:00 p.m.; in the lecture-free time: Mon–Fri: 09:00 a.m.–04:00 p.m.) – unless a tutorial takes place in the room.

The CIP pool in the barracks building consists of two computer rooms with 30 powerful PCs and two laser printers. Scanner, writer and high-speed internet can be used free of charge. Further computer rooms (called "CAD pools") are located on the second floor of the barracks building.

Each user is expected to use the resources of the CIP and CAD pools responsibly. More information about usage, application and opening hours can be found at: [www.fbg.uni-hannover.de/en/studies/at-university/computer-labs/usage/](http://www.fbg.uni-hannover.de/en/studies/at-university/computer-labs/usage/).

#### Account application:

Please send the completed applications for CIP-and CAD-Pools together with a scan/photo of your student ID and your certification of enrollment by e-mail to [cippool@irz.uni-hannover.de](mailto:cippool@irz.uni-hannover.de)

#### CIP-POOL@home

With the help of our terminal server, you can use some of the computer labs software from home. You only need internet connection and a terminal server client.

Please consult the following link for necessary information:

<http://www.fbg.uni-hannover.de/en/studies/at-university/computer-labs/cip-poolhome/>

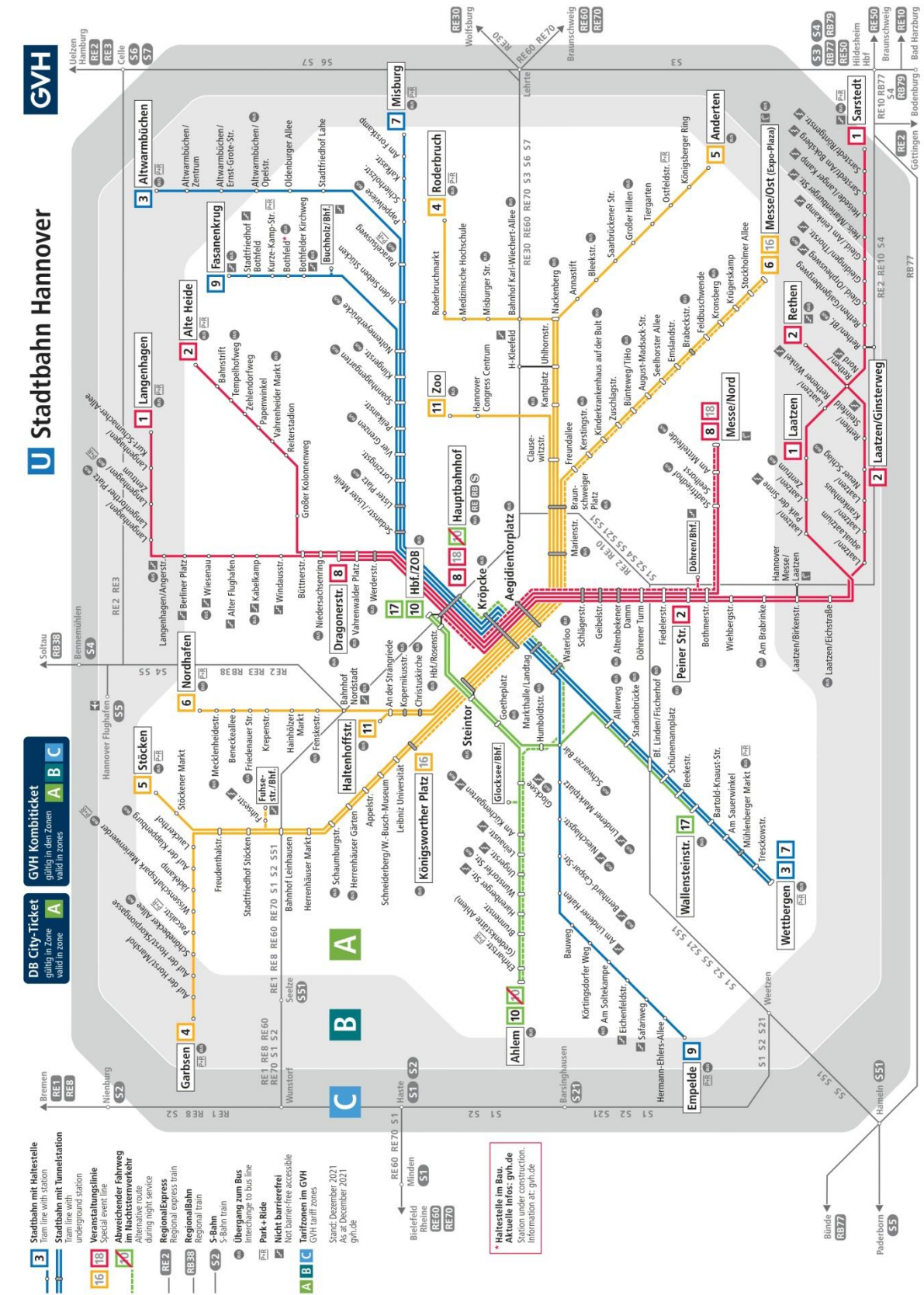
#### CIP Pool contact for requests, questions and problems:

Mr. Burwitz

Room 115, first floor of the Barracks building (3407)

Telephone: 0511 / 762-4707

E-mail: [cippool@bauinf.uni-hannover.de](mailto:cippool@bauinf.uni-hannover.de)



## Organisation

### Consultation for Students

#### Civil Engineering Dean of Studies' Office

Dean of Studies Office  
Civil Engineering  
Callinstr. 34  
30167 Hannover

Web:

<http://www.fbg.uni-hannover.de/en/faculty/management-organisation/dean-of-studies-office-civil-engineering/>

**Consultation hours (also via phone):**

Mondays 10:30 a.m.-12:00 a.m.

+49 511 762 4755 or

+49 511 762 12322

**Contact outside of the office hours:**

[studiendekanat-bau@fbg.uni-hannover.de](mailto:studiendekanat-bau@fbg.uni-hannover.de)

#### Civil Engineering – Study programme coordinators

M.A. Lea Domke (Building 3407, Room 204)

E-mail: [domke@fbg.uni-hannover.de](mailto:domke@fbg.uni-hannover.de)

M.A. Franka Gindel (Building 3407, Room 223)

E-mail: [gindel@fbg.uni-hannover.de](mailto:gindel@fbg.uni-hannover.de)

M.A. Jessica Kitte (Building 3407, Room 239)

E-mail: [kitte@fbg.uni-hannover.de](mailto:kitte@fbg.uni-hannover.de)

Dipl.-Ing. Britta von Pichowski-Mrozik (Building 3407, Room 241)

E-mail: [mrozik@fbg.uni-hannover.de](mailto:mrozik@fbg.uni-hannover.de)

#### Civil and Environmental Engineering – Student Representatives (Fachschaftsrat)

Callinstr. 34

30167 Hannover

Phone: 0511 / 762-7495

FSR room: Barracks building (3407), ground floor, left

E-mail: [fsr-bau@fbg.uni-hannover.de](mailto:fsr-bau@fbg.uni-hannover.de)

Web: [www.fsr-bau.uni-hannover.de](http://www.fsr-bau.uni-hannover.de)

**Meeting:**

Mondays at 07:00 p.m.

in the former barracks building

in the room 001 (Callinstr. 34)

**Consultation hours:**

Monday to Thursday 01:00 to

02:00 p.m.

in the former barracks building

in the room 001 (Callinstr. 34)

## Financing of the Study

The Bafög office is located across from the barracks building (please see city map).

Dept.loans & grants  
Callinstraße 30a, 30167 Hannover  
Phone: 0511 /76 - 88 126  
Web: [www.studentenwerk-hannover.de/en](http://www.studentenwerk-hannover.de/en)  
E-mail: [stw.hannover@bafog-niedersachsen.de](mailto:stw.hannover@bafog-niedersachsen.de)

Office hours of the clerks:  
please check their website  
for current information

## Living in Hanover

The Studentenwerk Hannover (Student Services Organisation) has almost 2300 places in 15 dormitories at reasonable prices. The offer ranges from single apartments through single rooms in corridor communities and residential communities to apartments. All rooms are fully furnished. In addition, all dormitories have common areas. The private housing agency of the Studentenwerk also helps you to find an own flat. Further information is available at the Studentenwerk.

Department Rooms & Residence  
Jägerstraße 5, 30167 Hannover  
Phone: 0511 / 76 - 88 048  
Web: [www.studentenwerk-hannover.de/en/wohnen/uebersicht](http://www.studentenwerk-hannover.de/en/wohnen/uebersicht)  
E-mail: [wohnen@studentenwerk-hannover.de](mailto:wohnen@studentenwerk-hannover.de)

## Social Issues

The social counseling of the Studentenwerk advises on possible problems such as insurance, housing subsidies, unemployment benefit/social assistance, discounts for students or studying with children. They give tips for foreign students and students with disabilities as well as information on further counseling centres and support options. The Studentenwerk is at your disposal.

Department Social and International Advice  
Lodyweg 1C, 30167 Hannover  
Phone: 0511 / 76 - 88 922  
E-mail: [soziales@studentenwerk-hannover.de](mailto:soziales@studentenwerk-hannover.de)

The university also offers semester-accompanying courses (e.g. how to deal with exam anxiety). For more individual problems there is a free psychotherapeutic consultation:

Psychological Counselling for Students  
Im Moore 13, 2nd and 3th floor  
30167 Hannover  
Phone: 0511/762 -3799  
**Opening hours for information and registration:**

Monday – Friday 10:00-12:00 a.m. (year-round)  
Monday – Thursday 02:00-04:00 p.m. (only during the lecture period)  
in the registration of ptb in the 2nd floor, Im Moore 13, and

**Open consultation hours (without pre-announcement):**  
Tuesdays and thursdays from 11:00-12:00 a.m. (starting 11.10.2022)  
Web: <http://www.ptb.uni-hannover.de/ptbs.html?&L=1>  
E-mail: [info@ptb.uni-hannover.de](mailto:info@ptb.uni-hannover.de)

## Student Representatives Civil and Environmental Engineering

### Who we are and what we do

The Fachschaft consists of all students of this faculty; the Fachschaftsrat (FSR) is the corresponding representation. At the moment we are about 20 students from the third to the tenth semester, who are committed to making your civil engineering studies at the University of Hannover as pleasant as possible.

### How do I reach the student council?

The student council room is located in the former barracks building (Callinstraße 34) directly in front of the high-rise building, on the first floor on the left. You can reach us there during our office hours (Mon-Thurs: 01:00 p.m.-02:00 p.m.) and meetings (Mon 07:00 p.m.). If you have questions regarding your studies, internships, course assignments, exam regulations or whatever, you should always find someone who will try to help you during these hours. During office hours you can also copy old exams and exercises onto a USB stick that you have brought with you.

Everyone who wants to get involved and make a difference can join us! If you are interested, you can come to the Monday meeting at any time or just to see how it works.

### Even we do not know everything...

... and that's why we need you! If problems arise in your studies, it is important that you inform us about them. Only then we are able to stand up for your interests. We also have the right to decide about the use of study funds. If you have suggestions on what could be purchased with your money – let us know! And don't pay any additional money for lecture notes, tutorials or anything else. We already pay enough for our studies!

## What we do for you:

### Inform

You can find the latest news about studying and everything else on our homepage, in the Stud.IP group and regularly in the "Locus-Letter", which is posted in all wash rooms. Of course you can also subscribe to the newsletter on our homepage to be always up to date! For current parties there is the Facebook group "Fachschaft Bauingenieurwesen Hannover"! Furthermore you can find a big gallery with party photos and a forum on our page.

### Hohlraum Parties, Stair Run Contest and other Events

The Hohlraum-Partys in the barracks building are the parties you shouldn't miss! Here you can meet a lot of familiar faces and have a great evening. Prices are kept as reasonable as possible and admission is always free. All dates are announced in the Facebook group "Der Hohlraum" and on posters.

Once a year we also organize a stair running competition with professors, staff and students in the high-rise building. In addition to the fun factor, the goal is to climb the 369 steps of the high-rise building in the shortest possible time.

You can find more information and photos of our events on our homepage and the "Der Hohlraum" Facebook page.

### Winter Ball

Every year in January we organize a graduation ball for the graduates of our faculty. In addition to a champagne reception, an extensive buffet and a supporting programme, there will of course be plenty of dancing to live music. Of course you are also invited!

### Fan Articles

You can also buy the unbelievable Baulng T-shirts in different colors and designs as well as mugs at fair prices. Just come by during office hours!

### Contact

Address:                   Universität Hannover  
                                  Fachrat Bau  
                                  Callinstraße 34  
                                  30167 Hannover

Phone and Fax:       0511 / 762 - 7495

FSR room:             former barracks building (building 3407), ground floor, left

Meeting:              Mondays 07.00 p.m.

Consultation:        Monday to Thursday 01:00 to 02:00 p.m.

Internet:              [www.fsr-bau.uni-hannover.de](http://www.fsr-bau.uni-hannover.de)

E-mail:                 [fsr-bau@fbg.uni-hannover.de](mailto:fsr-bau@fbg.uni-hannover.de)

## Impressions of Fellow Students

**Britta Funke, 2nd semester KIB**

Moin, moin, as they say here in the north,

My first master's semester in structural engineering is already over and so I would like to tell you a few of my impressions so far and maybe give you some tips for the start of your studies.

I did my bachelor's degree in civil engineering at the University of Applied Sciences in Stuttgart and then decided to do my master's degree at a university. What I like about it is the flexibility. You can choose your subjects according to your interests, decide how many and in which of the 2 exam periods you want to write your exams, and if an exam doesn't go so well, there is often the possibility to take an oral supplementary exam, in which you can only improve, not worsen. But before that, you should go to the examination inspection, because mistakes are human, even when correcting examinations. It can happen that complete pages are overlooked ;).

There are two concepts for the exams and oral exams: You try to pass all exams in the first period, so that you can write them again in the second period if you don't pass, or you spread them over the 2 periods, so that you have more time to learn. It's up to you to decide. In any case, you should not underestimate the exams. "Half-knowledge" or "learning on the fly" is usually not enough. That's why it's also important not to put off compulsory modules for too long! In contrast to a university of applied sciences, more theoretical knowledge and understanding is required and you are rarely allowed to take all the documents with you.

If you take one of the online courses such as elastomechanics or numerical mechanics as a requirement or recommendation, you should definitely start watching the lecture videos and writing the term paper in good time, otherwise it will be very stressful in the end.

The professors and tutors are happy to help you with any questions you may have, especially during exam preparation. Many of them have office hours or you call them beforehand and then drop by, but also the mail contact is usually quick. Since all master's semesters are represented in the courses, there are often fellow students who have already taken a subject and can help with old documents. Just ask them, they are all very nice, which brings me to my last point: student life, which of course should not be neglected in all the learning.

After my little trip to Swabia in the south of Germany, I'm glad to be back in northern Germany. On the one hand it is closer to home and old friends, on the other hand I have met great new people here. Hanover is a great city for activities like barbecuing in the park, swimming at the lock, shopping or having a beer in one of the many Nordstadt pubs. The Hohlraum parties of the student council are always worth a visit. The student council also helps you with many questions about your studies in case there are not answered yet.

I wish you a successful start, great first weeks and see you around =)

Britta Funke



## Maximilian Völlinger, 2nd semester WUK

Hello friends,

I have already gathered some information for you, but now I would like to tell you my personal impressions.

I finished my bachelor's degree in environmental engineering at the Bauhaus University in Weimar. After three years in a small town, I wanted to take a plunge into the adventure of the big city. Since I definitely wanted to focus my master's studies on water, I chose Hanover, which I like very much so far.

Starting here as a so-called external student actually had almost no disadvantages from a technical point of view. Only in modules like coastal engineering did I notice that I had to catch up on some of the basics. Central Thuringia is not known for its extensive coastlines, which is why such modules were not available in my bachelor's degree programme. But since I found out that it wasn't just me, I was able to exchange ideas with other WUK students and catch up on the material. The semester planning is also a bit more complicated if you start in the summer semester, since the programme is designed to start in the winter semester.

I was particularly struck by the amount of work compared to my old university. I'm not sure if it's because you're generally expected to do more in the master's degree programme, but I have to do a lot more studying for exams and assignments to get an adequate grade. What used to work with "I still have four days until I have to hand it in", got me into a night shift or two right at the beginning. But then I got it ;)

I am thrilled of student life here in Hannover. Based on my background as a country bumpkin, it is of course an experience to live in a big city (yes, for me it is a big city). There are just so many things to do, whether it's swimming at the lake in the summer or having a relaxing beer somewhere in one of the many parks. Not to forget that especially at the beginning of the semester one student party follows the next. But also during the rest of the semester you will not be disappointed. At this point, hats off to the student council. There are a lot of fun parties I've been to....

In conclusion, I can only say that I definitely made the right decision to study here. The people and the teaching are competent and the fellow students are great. You will see ;).

Max Völlinger

## Imprint

**Published by:**

Dean of Studies Office Civil Engineering

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Internet: <http://www.fbg.uni-hannover.de/en/faculty/management-organisation/dean-of-studies-office-civil-engineering/>

E-mail: [studiendekanat-bau@fbg.uni-hannover.de](mailto:studiendekanat-bau@fbg.uni-hannover.de)

**Special thanks to:**

Student Council Construction

Britta Funke

Maximilian Völlinger