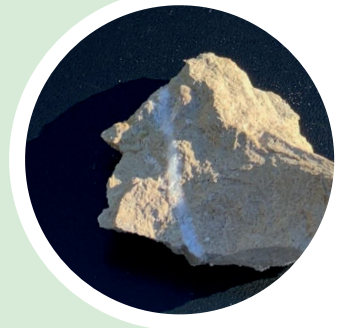




GUIDE FOR MASTER STUDENTS IN THEIR FIRST SEMESTER OF GEOSCIENCES AND RSIV

CONTENT

Welcome	4
About us	5
The first weeks	6
Further dates	7
Study abroad	8
Equipment Excursions	9
PULS und Moodle	10
Modules and structure of M.Sc. Geosciences	12
Modules and structure of M.Sc. RSIV	13
Creating the timetable	14
Non-Binding exams Central examination office	16
Secretariat of the Institut	17
Golm Library (IKMZ) Student lawyer	18
Further important Websites	19
Campusplan of Golm	20
Partner research institutes in Potsdam	22

WELCOME

Welcome to the Master's Program at the Institute of Geosciences at the University of Potsdam! You've officially made it – a Master's student in Geosciences or Remote Sensing, geoInformation and Visualization (RSIV) at the University of Potsdam. Right after enrollment, university life gets going: completing administrative tasks, selecting courses, navigating new buildings and rooms, attending lectures, and adjusting to a new phase of academic life.

To help you find your way and not feel overwhelmed, we've put together this little booklet. Inside, you'll find essential information about the Geosciences program, key contacts and resources, campus maps, important dates, and more.

And if you still have questions – don't worry! We, meaning the student council (Fachschaft), your fellow students, professors, and staff at the institute, are always happy to support you. Welcome to our "small Geosciences family," and we wish you all the best and much success for your studies.

To help you connect with each other, ask questions, and stay informed, we've also created a dedicated group just for you. It's a space for Master's newcomers, supported by your student representatives who are here to help you settle in.

IMPORTANT: SUBSCRIBE TO THE INSTITUTE'S EMAILS FOR MSc-STUDENTS!

Email distribution list for MSc. Geosciences/ RSIV: Send an email with the subject „subscribe“ from your university email account (!) to:

geowiss-msc-list-join@uni-potsdam.de
remotesensing-msc-list-join@uni-potsdam.de

WhatsApp Group
Master Geosciences



WhatsApp Group
Master Remote Sensing,
geoInformation and Visualization (RSIV)



ABOUT US



INFOS
FSR

What is a student body (Fachschaft)?

A student body is a group comprising all students studying a particular subject.

What is a student council (Fachschaftsrat/FSR)?

The FSR is a democratic body that is elected by the student body in a general assembly in every semester. It represents the interests of the students.



Mika, Ronja, Aurora
Johanna, Joseph, Ben-Gerrit, Arden, Laura, Felicia, Victoria

And what do we do?

- First semester work
- Representing student interests to lecturers, committees, and the University of Potsdam
- Networking and exchanging experiences with other student councils (VeFa)
- Tips and bulk orders for geology equipment
- Organizing parties and celebrations
- Help with study organization: Just send us an email or come to one of our meetings.



Would you like to support us?
Then get in touch. :-)

THE FIRST WEEKS

- 1.10.** Introductory event and campus-tour
- 5.10.** Timetable planning and waffle brunch
- 7.10.** Barbecue with geocologists
- 9.10.** Bar-tour

The exact times will be announced via the WhatsApp group.

We will order lab coats, safety goggles and magnifying glasses. Please enter your name in the list (see link - google doc), and tick what you want to buy from us:



<https://docs.google.com/spreadsheets/d/1Uhr2I-xUych9kxFu8s32h3NuDoR9xNnRuLYbsGAS6U3U/edit?usp=sharing>

FRESHMAN'S TRIP
23.10 - 25.10.
to Petzow
Further information
via WhatsApp

FURTHER DATES FOR THE WS 25/26

Course registration, course enrollment, and withdrawal period for courses	1.10. – 10.11.2028 (except 8.10.26)
Start of the admission (no enrollment possible)	08.10.2026
Orientation days	01.10. – 09.10.2026
Instructional period	12.10.26 – 05.02.27
Re-registration Period for the Summer Semester 2027	15.01. – 15.02.2027
Exam and Internship Period	08.02. – 31.03.2027

Further dates, i.e. lecture-free days, etc., can be found here:
<https://www.uni-potsdam.de/en/studium/dates-and-deadlines/important-dates-and-deadlines-during-your-studies>



STUDY ABROAD

Erasmus

Erasmus makes it possible to spend a semester abroad in Europe. There are specific partnerships with other earth and environmental science institutes, such as those in Bergen, Uppsala, Ghent, Grenoble, and several others. Further information on studying abroad:

<https://www.uni-potsdam.de/en/international/outgoing/studium>

Erasmus



University partnerships

The University of Potsdam also has university partnerships in nine non-European countries. Our institute has direct links with the Swiss University in Fribourg, METU in Ankara, Kocaeli Üniversitesi, and Istanbul Technical University. Here, too, the respective contact persons are listed on the ERASMUS+ page of the university.

Individual application

You can apply to your preferred university abroad via an individual application. You can find out which partner universities offer geosciences on the DAAD (German Academic Exchange Service) website.

EQUIPMENT

Your personal equipment should include:

- a geologist's hammer (we recommend the 1 kg Estwing hammer),
- a hand-held magnifying glass,
- a structural geology compass (can be borrowed from the FSR or institute),
- 10 % HCl acid,
- hiking boots,
- weatherproof clothing.

You can also borrow compasses and geologist's hammers from the FSR. Please send us an email or speak to us in advance to arrange this.

EXCURSIONS

The Master Geosciences has several excursions depending on which specialization you choose. Be aware that you will have to bear most of these costs yourself.



<https://www.uni-potsdam.de/en/geo/study/msc-geo-sciences/gelaendekurse>

PULS AND MOODLE2

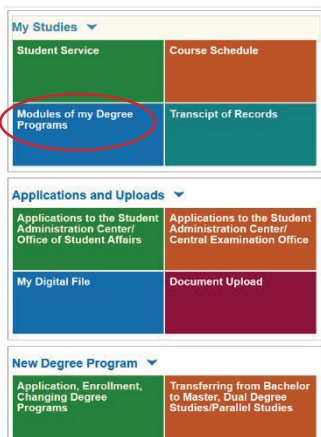
LOG IN

PULS and Moodle2 are the two most important platforms at the University of Potsdam, as you can use them to register for courses, sign up for exams, and obtain course information. You can log in to both platforms with your university email address and password.

PULS

<https://puls.uni-potsdam.de/>

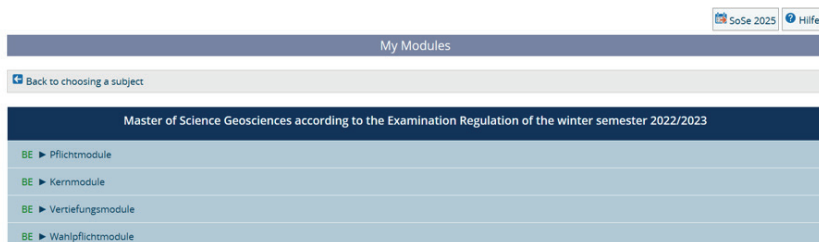
Puls



Registering for courses

Under Modules of my degree programs, you will find more detailed information about the course behind the (book) icon. You can also register for courses there.

Alternatively, you can find all courses (including Studiumplus) under: Events/Course Catalog/Faculty of Mathematics and Natural Sciences/Institute of Geosciences/Master of Science/Geosciences (Examination regulation of the winter semester 2025/26) or Remote Sensing, geoInformation and Visualization (Examination regulation of the winter semester 2017/18).



Please note that the registration deadline is 8 days before the exam!

Registering for and withdrawing from exams

To register for your exams, go to Modules for my degree programs, where you will find all modules. After selecting the course, you can register for the respective exams using your TAN list.

Moodle 2

<https://moodle2.uni-potsdam.de/>

Moodle2



Many teachers upload presentations and teaching materials to Moodle so that you can access the lecture material for learning purposes afterwards. Under “**Course search**”, you can search for the courses for your modules. Either these are named as in PULS, or you will receive the name by email. Some courses are password-protected, but the teacher will usually provide the password in an email (after you have registered for the module in PULS). If you have not received a registration key, ask your fellow students, the professor, or the FSR!

Deutsch (de) Log in

Kurse suchen

ANKÜNDIGUNGEN

Moodle.UP

Willkommen auf der zentralen E-Learning-Plattform Moodle.UP der Universität Potsdam.

Hilfe & Infos
Hilfe und Informationen für Nutzer finden Sie beispielsweise beim ZIG und im Hilfeforum.

Account
Beantragung eines Moodle-Accounts für externe Studierende | Lehrende
Account-Probleme?
zim-services@uni-potsdam.de

Infos für Lehrende
Wenn Sie einen neuen Kurs beantragen wollen, nutzen Sie bitte folgendes Formular: [Kursantrag](#)
(Vorherige Anmeldung erforderlich)

In the “**Course Overview**”, you will find all your courses and have faster access to all materials.

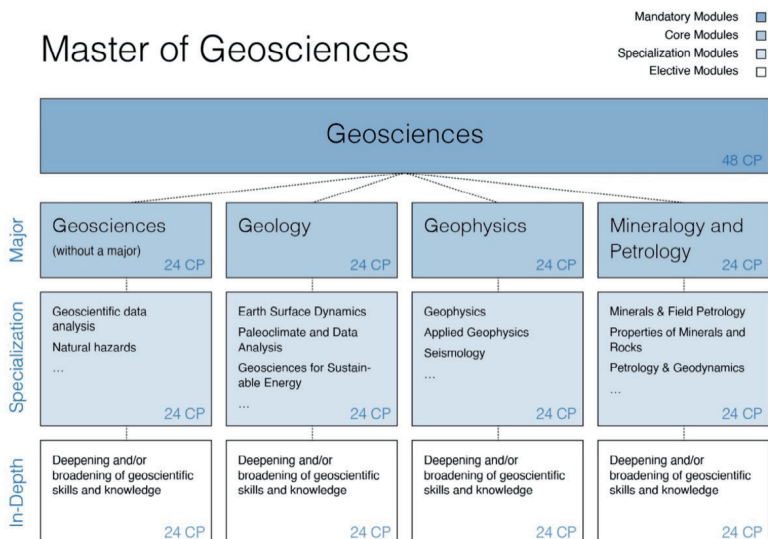
THE MASTER'S PROGRAM IN GEOSCIENCES

The M.Sc. Geoscience comprises 120 Credit Points (CP), consisting of the following components:

- Mandatory Modules - 18 CP
 - Core Modules - 24 CP
 - Specialization Modules - 24 CP
 - Elective Modules - 24 CP
 - Master's Thesis - 30 CP
- = 120 CP

The Mandatory Modules are the same for all students. Students then have the option of either specialising in one of three Majors (Geology or Geophysics or Mineralogy & Petrology), which comprise a predetermined combination of Core Modules and a choice of pre-selected Specialization Modules, or choosing their own individual combination within both Core and Specialization Modules. All students are free to choose their Elective Modules.

More information and an overview showing which courses are offered in which semester, which specializations they can be combined with, and which modules they belong to can be found here:
<https://www.uni-potsdam.de/de/fsrgeowiss/studium/master>



Modules and structure of

THE MASTER'S PROGRAM IN RSIV

You have to obtain 30 CP of Mandatory modules (5 courses with each 6 CP):

- Remote Sensing of the Environment
- Earth System Science
- Data Analysis and Statistics
- Geoinformation Systems
- Visualization and Communication

In addition there are the Elective modules:

Modules adding up to 60 credit points must be successfully completed, whereby at least one module must be completed for each of the following groups of electives:

1. „Remote Sensing Methods“ (RSM) electives
2. „Objects of Observation“ (OBS) electives
3. „Data Analysis and Programming“ (DAP) electives
4. „Geoinformation Systems and Applications“ (GIS) electives
5. „Visualization and Communication Methods“ (VCM) electives

Modules of RSIV: https://www.uni-potsdam.de/fileadmin/projects/geo/02_Studium/rsiv/MSc_RSIV_StO_March31_2017.pdf



International MSc: Remote Sensing, geoInformation and Visualization (RSIV)

1. Year	Winter	Core Module 1: Remote Sensing of the Environment (6)	Core Module 2: Earth System Sciences (6)	Core Module 3: Data Analysis and Statistics (6)	Core Module 4: Geoinformation Systems (6)	Core Module 5: Visualization and Communication (6)
	Summer	Elective Modules 1: Remote Sensing Methods (6)	Elective Modules 2: Objects of Observation (6)	Elective Module 3: Data Analysis and Programming (6)	Elective Modules 4: Geoinformation System Applications (6)	Elective Modules 5: Visualization and Communication (6)
2. Year	Winter	Elective Modules: Elective Module from RSIV catalogue (6)	Elective Modules: Elective Module from RSIV catalogue (6)	Elective Modules: Elective Module from RSIV catalogue (6)	Free Elective Modules Module from UP module catalogue (6)	Free Elective Modules Module from UP module catalogue (6)
	Summer	Master Project and Thesis (6)				

Remote Sensing Methods

Optical Remote Sensing
Terrestrial and Airborne
Lidar and Photogrammetry
Systems
Remote Chemical Sensing
Advanced Topics of Remote
Sensing Methods

Objects of Observation

Soilscape Processes
Sediment-mass transport on the
Earth's Surface
Biospheres of the Earth
Remote Sensing und Permafrost
Earthquake and Volcano deformation
Earth Magnetic Field and Physics
of the Upper Atmosphere
Climate Change and Climate
Dynamics
Planetary Remote Sensing
Advanced Topics of Objects of
Observations

Data Analysis and Programming

Bayesian inference and data
assimilation
Nonlinear Data Analysis
Concepts
Big Data Analytics
Advanced Data Analysis and
Programming

Geoinformation System Applications

Analysis of Digital Elevation
Models
Mapping and Geoinformation
Systems
Environmental Spatial Statistics
and Models
Advanced Geoinformation
System Applications

Visualization and Communication

Data and Information Visualization
Introduction to Visualization
Industry Internship or Practical
Application
Research-oriented Internship or
Practical Application
Advanced Visualization and
Communication Methods

CREATING THE TIMETABLE

You go to PULS and choose e.g. under the compulsory tab for the
Prüfungsversion ab WiSe 2025/26, for example, select Topics in Earth
System Science:

- ①_ Vorlesungsverzeichnis
 - ①_ Mathematisch-Naturwissenschaftliche Fakultät
 - ①_ Institut für Geowissenschaften
 - ①_ Master of Science
 - ①_ Geosciences (Prüfungsversion ab WiSe 2022/23)
 - ①_ Compulsory Modules
 - ①_ GEW-MM01 - Topics in Earth System Science

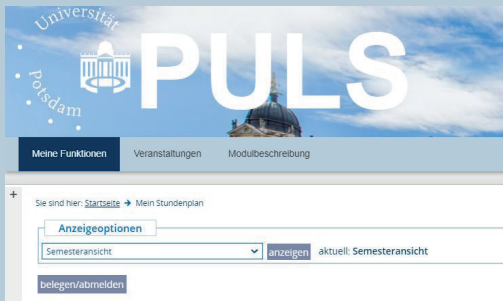
Click on the event to open the following overview:

Veranstaltungsart	Kolloquium				Veranstaltungsnummer	
SWS					Semester	SoSe 2024
Einrichtung	<u>Institut für Geowissenschaften</u>				Sprache	englisch
Belegungsfrist	02.04.2024 - 10.05.2024					

Gruppe 1: Belegungsinformation Vormerken: ☐ Zur Zeit keine Belegung möglich

	Tag	Zeit	Rhythmus	Dauer	Raum	Lehrperson	Ausfall-/Ausweichtermine	Max. Teilnehmer/-innen
→ Kolloquium	Mo	16:15 bis 17:45	wöchentlich	08.04.2024 bis 15.07.2024	<u>2.27.0.01</u>	Prof. Dr. Bookhagen , Prof. Dr. Eibl , Prof. Dr. Kögler , Prof. Dr. Muth , Prof. Dr. O'Brien , Prof. Sobel , Prof. Dr. Trauth , Prof. Dr. van der Beek , Prof. Dr. Wilke		

You can first make a note of all the desired course times and then book all the modules at the same time via 'My functions' 'Time-table'. (Of course, you can also book everything individually, but that takes longer and uses a lot of TANs).



Please note that pre-booked dates disappear after PULS is closed and only appear permanently in the timetable after registration.

To finally select the module, you must select an examination and enter a TAN from your TAN list.

Mathematik für Studierende der Geoökologie und Geowissenschaften I

☒ **belegen**

Gruppe 1
Mo 08:15 - 09:45
Gruppenpriorität:
1 (hoch) ▼

Bachelor of Science Geowissenschaften
Pflichtmodule
MAT-M1 Einführung in die Algebra und Analysis für Geoökologie und Geowissenschaften (6 LP)
519811 Vorlesung und Übung → Prüfungsnebenleistung

Ich bestätige, dass mir die Studien- und Prüfungsbestimmungen für die von mir belegte Lehrveranstaltung bekannt sind.
Ich bin darüber informiert, dass in den Studiengängen ohne Belegpunktesystem alle Fachprüfungen (studienbegleitende Prüfungsleistungen) bei Nichtbestehen bis zu zweimal wiederholt werden können bzw. in den Studiengängen mit Belegpunktesystem bei Belegung einer Lehrveranstaltung die Belegpunkte in der gleichen Höhe der zu erreichenden Leistungspunkte abgezogen werden. Bei nicht ausreichender Leistung bleiben die Belegpunkte abgezogen und bei nochmaliger Teilnahme an der Leistungserfassung sind erneut Belegpunkte einzusetzen.
Die Rucktrittsfrist für die Anmeldung zur Leistungserfassung wird vom jeweiligen Studiengang geregelt (entweder in den Prüfungsregelungen des Faches oder durch gesonderte Festlegung durch den Prüfungsausschuss). Bei Anwendung des Belegpunktesystems werden die abgezogenen Belegpunkte in diesem Fall wieder gut geschrieben.

Bitte geben Sie Ihre ITAN-Nr. 14 ein:

JETZT BELEGEN / ABMELDEN

You will receive more detailed information about the module schedule or the enrolment key for the Moodle courses by email after registering for the module in PULS. The first sessions of a module are usually introductory sessions, which is why attendance is recommended!

PULS offers many other functions, such as your documents (study certificates), your performance overview and module overview or important dates (such as registration and enrolment deadlines)!

NON-BINDING EXAMS

In the Master's programme you can take two free non-binding exams. You must do this within two weeks of receiving your grade on PULS. These will be deleted from your Exams and are not counted. Please note: This cannot be cancelled.

More Information: <https://www.uni-potsdam.de/en/studium/studying/organizing-your-exams/non-binding-exams>



CENTRAL EXAMINATION OFFICE

The Central Examination Office is the point of contact for all technical, organisational and examination-related questions concerning examinations, certificates and attestations.

Address:

Universität Potsdam Dezernat für Studienangelegenheiten
Campus Am Neuen Palais, Haus 8

E-Mail:

pruefungsamt@uni-potsdam.de

Website:

<https://www.uni-potsdam.de/en/studium/advising-and-services/examinationoffice>





SECRETARIAT OF THE INSTITUTE

If you have any questions about administrative matters, please contact the institute's office.

Ms Heidemann

House 27 room 1.56

Tel: +49 331 977 5842

E-Mail:

pa-gew@geo.uni-potsdam.de (for Geosciences)

pa-rsiv@geo.uni-potsdam.de (for RSIV)



Further information can be found on the institute's website:

<https://www.uni-potsdam.de/en/geo/>

GOLM LIBRARY (IKMZ)



At the Golm Library, you will find all the important books from the fields of geosciences, chemistry, physics and mathematics that are relevant to studying geosciences. There is also plenty of space and variously designed work areas for studying and writing papers, as well as computers for researching information. Guided tours are offered to help you get to know the library better. You can find an overview of these at: <https://www.ub.uni-potsdam.de/de/kurse-beratung/informationen-fuer/neue-studierende>

Opening hours:

Monday – Thursday 9:00 – 21:00 Uhr

Friday 9:00 – 20:00 Uhr

Saturday 10:00 – 18:00 Uhr

Closed on Sundays

Contact

Doris Lake, Maureen Jungbluth

Internet: <https://www.ub.uni-potsdam.de/de/kurse-beratung/informationen-fuer/neue-studierende>

E-Mail: infogolm@uni-potsdam.de

STUDENT LAWYER



For all legal issues, there is a solicitor from Asta for the students. They offer a consultation hour on BAföG.

Contact: rechtsberatung@astaup.de

Further information is available on the website: <https://astaup.de/rechtsberatung>

FURTHER IMPORTANT WEBSITES



Institute of Geosciences
<https://www.uni-potsdam.de/de/geo/>

Module Handbook, Course Catalog, Study Plans,
Academic Regulations:



- RSIV: <https://www.uni-potsdam.de/en/geo/study/m-sc-remote-sensing-geoinformation-and-visualization>



- MSC Geosciences: <https://www.uni-potsdam.de/en/geo/study/msc-geosciences/allgemeine-informationen>



Counseling for Students with Health Impairments /
Chronic Conditions: <https://www.uni-potsdam.de/en/studium/advising-and-services/counseling-for-students-with-health-issuesdisabilities>



The Institute's BAföG contact person
<https://www.uni-potsdam.de/de/geo/studium/bafoeg-beauftragte-am-institut-fuer-geowissenschaften>



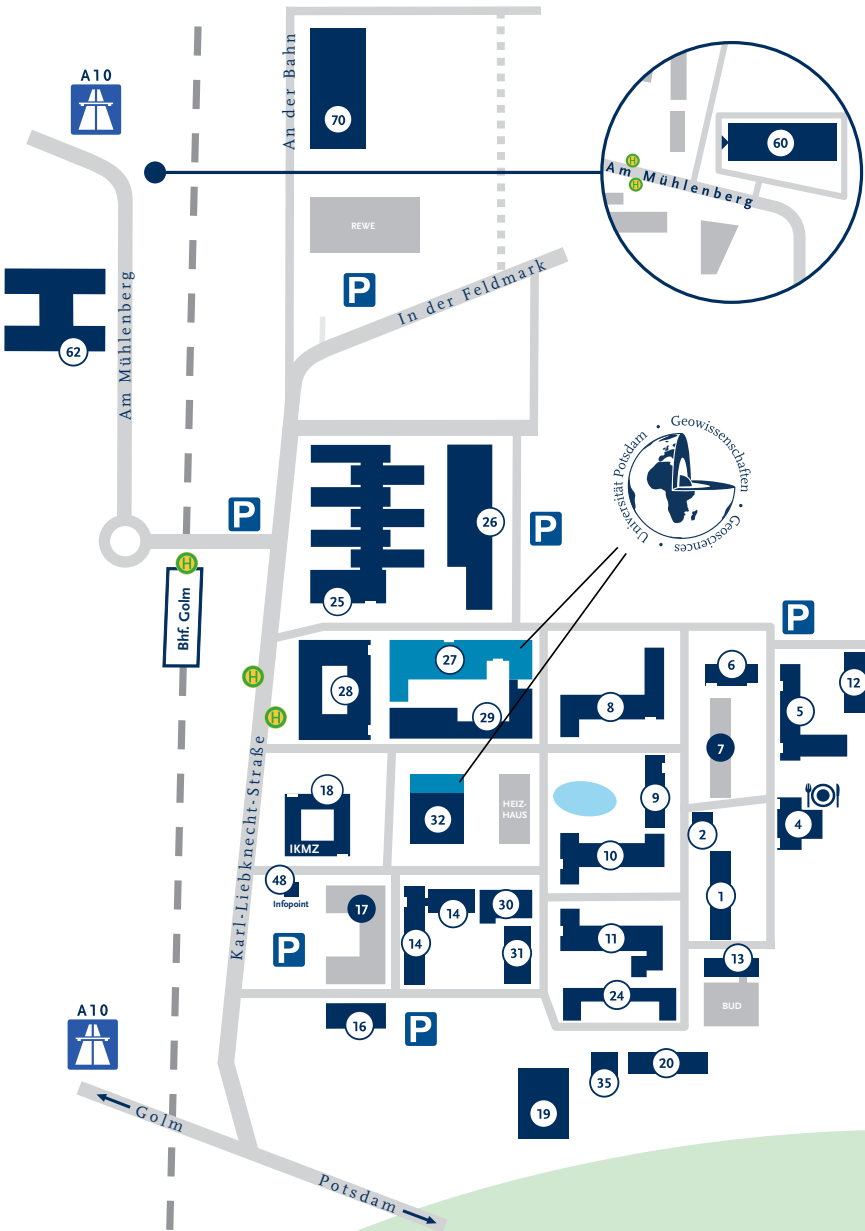
Checklists
<https://www.uni-potsdam.de/de/fsrgeowiss/studium/checklisten-zum-studium>

CAMPUSPLAN OF GOLM

Haus	Einrichtung
11	Alte Sporthalle
13	Atelier – Werkstätten Kunst
35	Dekanat Humanwissenschaftliche Fakultät
28	Dekanat Mathematisch-Naturwissenschaftliche Fakultät
24	Department Erziehungswissenschaften
24	Department für Sport- und Gesundheitswissenschaften
16	Department Grundschulpädagogik
24	Department Lehrerbildung
14	Department Linguistik
31	Department Inklusionspädagogik
6	Department Musik und Kunst
14	Department Psychologie
10	Exchange, Project and Innovation-Center – EPI-Center
13	Fachbereich Kunst
62	Fakultät für Gesundheitswissenschaften (FGW)
32	Forschungs- und Technologiezentrum „Earth & Environment Centre“ (EEC) und Zentrum für Naturstoffgenomik (NSG)
10	Fuhrpark Dezernat 5: Bau- und Facilitymanagement
30	Gewächshaus
1, 8	Infrastrukturelles Gebäudemanagement (IGM) und Technisches Gebäudemanagement (TGM) Dezernat 5: Bau- und Facilitymanagement
20, 25, 26,29, 60	Institut für Biochemie und Biologie
25, 26, 29	Institut für Chemie
27	Institut für Erd- und Umweltwissenschaften
29	Institut für Geowissenschaften
70	Institut für Informatik und Computational Science
9	Institut für Mathematik
28	Institut für Physik und Astronomie
1, 12, 24, 70	Institut für Umweltwissenschaften und Geographie
11	Lehreinheit für Fach Wirtschaft-Arbeit-Technik
1	Leitzentrale Dezernat 5: Bau- und Facilitymanagement
14	Lesecafé
4	Mensa Studierendenwerk West:Brandenburg
5	Multimediaproduktion ZIM - Zentrum für Informationstechnologie und Medienmanagement
13	Pädagogische Werkstatt
14	Poststelle Dezernat 6
2	Potsdam Research Institute for Multilingualism (PRIM)
29	Potsdam Transfer – Zentrale wissenschaftliche Einrichtung für Gründung, Innovation, Wissens- und Technologietransfer
8	Service Center ZIM – Zentrum für Informationstechnologie und Medienmanagement
19	Sporthalle
18	Universitätsbibliothek (Informations-, Kommunikations- und Medienzentrum – IKMZ)
29	UP Transfer GmbH
7, 17	Wohnanlagen Studierendenwerk West:Brandenburg
62	Zentrum für Lehrerbildung (ZeLB)

Stand: April 2021

Campus II - Golm



Partner research institutes in Potsdam

GFZ, AWI AND PIK

The Helmholtz Centre Potsdam/German Research Centre for Geosciences (GFZ) and Alfred Wegener Institute, Research Centre Potsdam (AWI) and the Potsdam Institute for Climate Impact Research (PIK) are all located on Telegrafenberg in Potsdam. Thanks to joint appointments of several professors from the University of Potsdam with these research institutions, the courses and subject areas covered during the programme are wide-ranging. Some block courses are held there, and contacts can be made with the staff. In addition, the two research institutions offer a number of opportunities for internships or jobs for student assistants (so-called Hiwi jobs). Due to the many different research areas, a wide range of interests are usually covered.

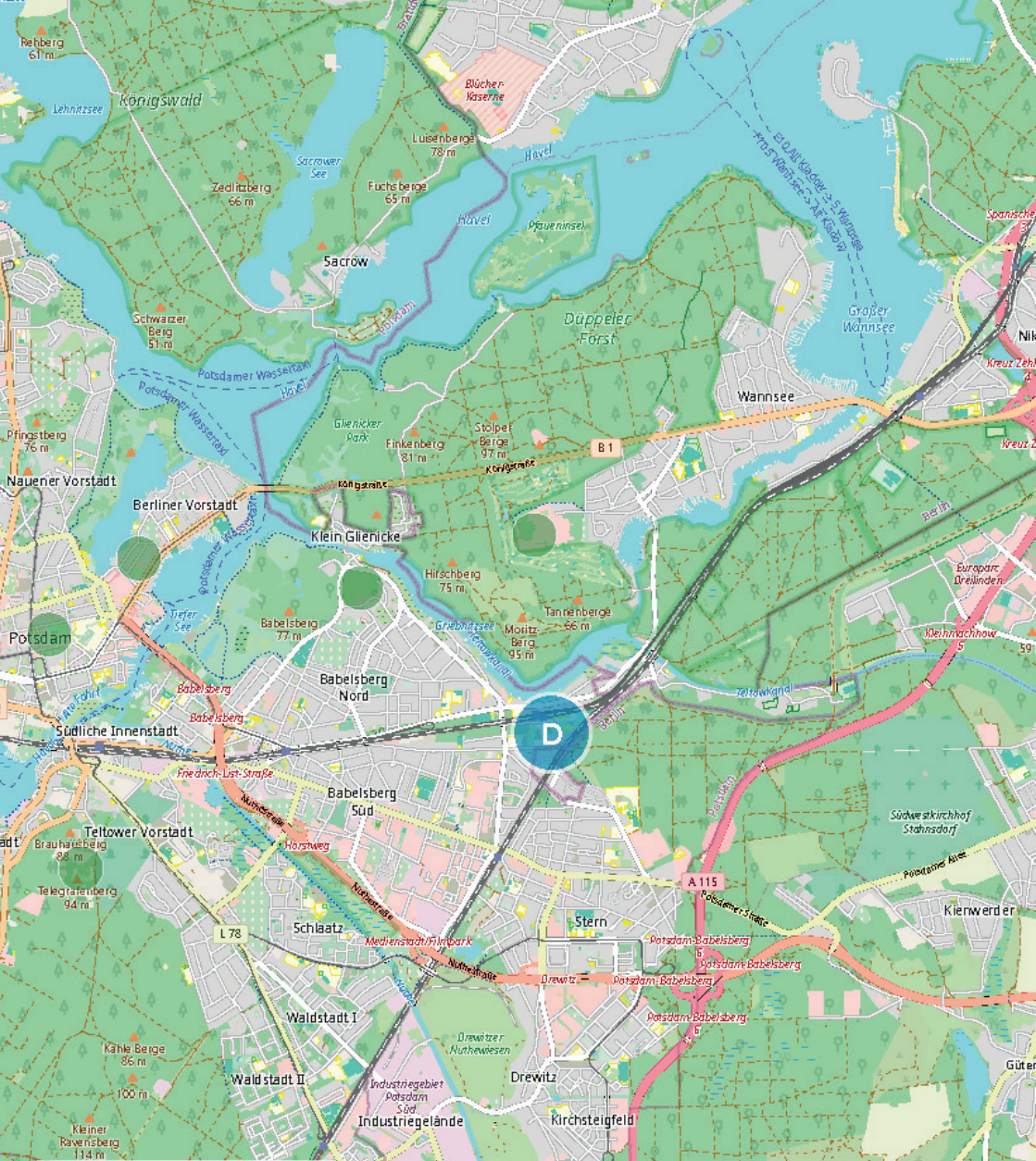
Further information can be found at:

GFZ: <https://www.gfz-potsdam.de/>

AWI: <https://www.awi.de/ueber-uns/standorte/potsdam.html>

PIK: <https://www.pik-potsdam.de/en/home>

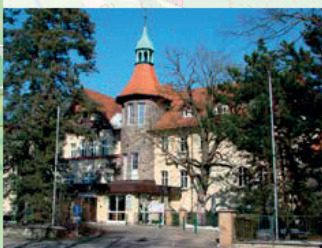
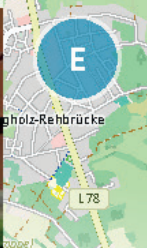




D Campus III - Griebnitzsee



E Location in Rehbrücke



Cooperation
with extramural
research instituti-
ons in Potsdam's
scientific land-
scape



WE WISH YOU ALL THE BEST AS YOU EMBARK
ON THIS NEW CHAPTER IN YOUR LIVE.

Your GEOWISS Student Council