Welcome and Orientation Meeting for International Program Students
Winter Semester 2020-21

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Department of Civil, Geo and Environmental Engineering
Overview

- Current situation
- Semester dates
- Student card
- Computer rooms
- Documents
- Courses and Modules
- Course Registration
- Exams
- Transcript of records
- Extension of your stay
- Services at TUM
- Contact
Changed Circumstances
Situation in Winter Term 2020-21 - Courses

- Combination of online and in-person formats
- Most lectures will be offered in digital form
- Seminars with fewer participants, smaller exercises, laboratory and practical courses will be offered on campus
- Working in your working groups is especially important → use electronic tools for it
- Teaching format will be announced in TUMonline and in schedule
- Important: Register for courses in TUMonline → Instructors will provide information about the specific procedures for their courses to registered students (e.g. via moodle):

https://www.moodle.tum.de/login/index.php
Situation in Summer Term 2020 - Exams

- Combination of online and in-person formats
- Exams will be either in classroom form under strict safety regulations or in alternative formats, such as electronic remote examinations
- If exams will be in classroom form, we cannot guarantee that it will be possible to do a remote exam (according to current status)
- Even if a course is offered online, it can happen that the exam will be in presence at TUM
- Individual arrangements (e.g. remote exams) with lecturers are possible but not guaranteed – get in contact with lecturers in time
Situation in Winter Term 2020-21 - Other

• All libraries are open
• Learning places in the libraries can be reserved
• Special rules of use: https://www.ub.tum.de/faq-coronavirus
• Language courses at TUM language center completely online
• Most student cafeterias and canteens are open again
TUM. Department of Civil, Geo and Environmental Engineering

Philosophy: Shaping the Environment

Building

Infrastructure

Environment

Planet Earth
Focus Areas I

Construction

- Materials
- Resource Efficiency
- Recycling
- Energy-Efficiency
- Structures
- Renovation
- Monitoring and Testing
- Sustainability and LCA
- Fire Safety
- Rock Mechanics and Tunnelling

Modelling - Simulation - Processes

- Numerical Methods
- Physical Models
- Probabilistic Modeling, Risk Assessment and Control
- Geometric, Semantic and Organizational Modeling
- Experimental Methods and Empirical Models
- Vibroacoustic analysis in the planning process of timber structures
Focus Areas II

**Mobility and Transportation Systems**
- Mobility behavior and the user perspective
- Integrated land-use and transport planning
- Traffic management and control
- Data processing, system architecture and quality monitoring
- Vehicle-Route interaction
- Rail and road superstructure
- Electric mobility
- Multi-layer system modeling
- Modeling and evaluation of environmental effects
- Governance and implementation processes

**Water – Soil – Air**
- Landslide monitoring, analysis and early warning
- Geothermal Energy Mineral resources, natural/building stone and aggregates
- Tunnelling, wear prediction and TBM performance
- Water and Wastewater Treatment
- Water Resources, Anthropogenic Pollutants and Integrated Regional Water Management
- Water and Energy
- Water and Sediment
- Water and Life
- Microfabrics and Quantification of rock structures
Courses of Studies

Admission criteria

+ external applicants

Non-consecutive Master: program dependent admission criteria

Consecutive Master: program dependent admission criteria

Bachelor: Joint courses with other faculties

Bachelor: program dependent admission criteria
Semester Dates

Winter term:

- Lecture period: 2 November to 12th February, 2021
- Attention: Exams are in February and March!
- Christmas break: 24th December, 2020 to 6th January, 2021
- Re-Registration period for Summer Term: 15th February, 2021

Summer term:

- Lecture period: 12th April to 16th July, 2021
- Pentacost break: 22nd 25th May, 2021
- Exams: July to September 2021
Student Card

• Student ID with number (Matrikelnummer) for all administrative affairs
• Semester ticket for Public Transport MVV
• Library card (activate your student card at the information counter)
• Mensa card (charging first and paying at refectory)
• Copy card (paying your copies)
• But also: Getting reductions in museums, cinemas, etc.

More information:
http://www.tum.de/studium/bewerbung/student-card/

Available: Individual appointment with TUM Welcome Office
Computer rooms

- CIP-pools of Department of Civil, Geo and Environmental Engineering: 3209, 3238 and N0199a

- Entry via registration:

- Opening hours:
  - Mo - Fr 6 a.m. to 12 p.m. (except lecture times)
  - Sa – So 10 a.m. to 10 p.m.

More information:
Language courses

• TUM language center („Sprachenzentrum“) offers German language courses on different levels
  
  http://www.sprachenzentrum.tum.de/en/homepage/
  
  – Courses during term, registration via TUMonline
  
  – Entry-level test required via e-learning platform
  
  https://www.moodle.tum.de/

  --> All language courses will be offered online this semester: Registration is open!

• Language Center offers 16 different languages
  
  https://www.sprachenzentrum.tum.de/en/languages/

• Other German language institutes in Munich (with costs)
  
  https://www.studentenwerk-muenchen.de/en/international/international-students-in-munich/in-preparation/german-language-skills/language-courses/
Documents I

- **Certificate of Arrival**
  - Required from several partner universities (mainly Erasmus partners)
  - Your home university has own document to provide
  - *Is to be signed in the first few weeks of your study at TUM*

- **Certificate of Departure**
  - Required from most partner universities (mainly Erasmus partners)
  - Your home university has own document to provide
  - *Is to be signed in the end of your academic stay*
  - **End of stay is not date of your leaving but end of your academic purpose** (date of last exam, date of submitting your master’s thesis, etc.)

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*Until further notice, documents are signed digitally and sent via email only*
Documents II

• Learning Agreements

- Changes within the **first 2 months of semester**
- Use Learning Agreement Section 2 „During the Mobility“
- Only changes – no new complete Learning Agreement
- **No approval of your changes at the end of the semester!**

Until further notice, documents are signed digitally and sent via email only
Courses

The most common course types are:

- Lecture „Vorlesung“
- Exercise „Übung“
- Seminar „Seminar“

Other course types: practical training, excursion, colloquium, project, lab exercise or experiment, …

One or more courses form a „module“
-> you have to do all courses of a module!

You register for courses via „Courses“
Modules

• Consist of one or several courses
• Different types of courses (e.g. lectures, seminars, exercises, etc.)
• Total number of credits and grade -> only by attending complete module
• You can only register for and attend exam of a module (and not of a course)
• Only if part of the module is individual module – registration for exam is possible

You register for exams via „Modules“

Please check the module handbook via TUMonline
https://campus.tum.de/tumonline/webnav.ini
Where to find courses: Schedules

- You can find the schedules (=„Stundenplan“) on the website of the respective study programme: [http://www.bgu.tum.de/en/studies/degree-courses/](http://www.bgu.tum.de/en/studies/degree-courses/)
Where to find courses: search courses

- You can search for courses at TUMonline: http://campus.tum.de
Where to find courses: module catalog
Where to find courses: module catalog

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Where to find courses: Study status / curriculum
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Registration for courses

• Please login at TUMonline and use your personal calling card

  a) Register via „Courses“
  b) Register directly from the „Module catalog“
  c) Register via „Study Status“

• Courses marked with a green → means: „Registration is possible“
• Courses marked with a grey → means „Registration is not activated“, 
• Courses marked with a red →: registration is no longer possible,
• Courses marked with a yellow →: registration is not yet possible
• Click on the green „→“ and register

Attention: Registration for course
is not automatically registration for exam!
a) Registration by „Courses“ (I)

Click on „course registration“ or on the course name
a) Registration by „Courses“ (II)

Click on „Course registration“
a) Registration by „Courses“ (III)

Tick all 3 courses of the module

Select „Free registration or „Registration with curriculum node“

Register by clicking on „Enter placement request“
B) Registration by „Module catalog“ (I)

Click on „courses and exams“ → „Offer node“

Register for all courses of a module!
B) Registration by „Module catalog“ (II)

Select „free registration“ or „Registration with curriculum node“.

Register by clicking on „Enter placement request“.
C) Registration by „Study Status/Curriculum“ (I)

Choose your curriculum: Exchange program Civil Engineering and Environmental Engineering
C) Registration by „Study Status“ (II)

Select a module you want to register for

For registration click on the green flash

Notes:
- + : Overview of modules
- Red Triangle: Corresponding course/s
- Green Circle: Corresponding Exam

Select a module you want to register for

For registration click on the green flash
C) Registration by „Study Status/Curriculum“ (III)

Courses of a module can be separate modules → separate registration is possible
Useful links

**Video tutorial** (in English and German)
- How to register for courses in TUMonline: https://www.youtube.com/watch?v=sk_2CCTEHjQ

**TUM Wiki** (in English and German)
- How to register for courses in TUMonline: https://wiki.tum.de/display/docs/Courses
Exams I

- Exam period BGU: *in February and March* (see TUMonline for detailed dates)
- Attention: *Other departments have other exam periods* (check webpages of departments!)
- The date of an exam is fixed: Earlier or extra exam dates for exchange students CANNOT be arranged.
- Individual arrangements (e.g. remote exams) must be discussed directly with the lecturer and cannot be guaranteed
Exams II

- Important: Register for all exams via TUMonline!
- Instruction on how to register for exams will be provided

- Exam registration periods:
  - Department BGU: 1st – 31st January, 2021
  - Departments MW / EI / IN / WI / PH / MA: will be announced later
  - Department AR: will be announced later

- Grades are announced in your TUMonline account (registration!)
- Results can be late (end of semester / beginning of new semester)
Transcript of Records (Grade report)

- TUMonline account → „Transcripts“ → „grade report“
- All marks are listed on the transcript → condition: registration via TUMonline before!
- Continued access to TUMonline after your study at TUM
- Exam that is not passed (grade < 4.0) is not listed in your grade report (but in the examination report)
- Grade report is valid without signature and stamp
- If you need a signature, please contact me when all grades are validated (give „student ID number“ and address)
Re-enrollment for winter term

- **Only students who applied for 2 semesters!**
- **All other students need permission for prolongation** (see next slide)
- **Paying of student fee “Rückmeldegebühr“ in time to get re-enrolled**
- **Deadline:** 15 February, 2021

Extension of your stay

Prerequisites:

• Permission of Departmental Coordinator is needed:
  – Submit short letter of motivation stating reasons for prolongation
  – Submit written approval from your home university (e.g. email)
  – Submit new learning agreement / study program

• Upon approval, we will notify the International Center
• If accepted, pay the student fee “Rückmeldegebühr“ to get re-enrolled
• Deadline for payment: 15 February 2021


• Maximum duration of stay at TUM is 3 semesters
Services at TUM (a selection)

• TUMi - TUMinternational (semester programme)
  http://www.international.tum.de/en/coming-to-tum/tumi/

• English Writing Center
  http://www.sprachenzentrum.tum.de/de/sprachen/englisch/english-writing-center/

• TUM Career Service
  https://www.together.tum.de/en/career/

• Advise, Help and Cultural Activities
  – Studentenwerk München:
    http://www.studentenwerk-muenchen.de/en/
  – Christian student communities:

• Orchestras and Choirs:

• Sports programme at Zentraler Hochschulsport:
  http://www.zhs-muenchen.de/en/home/
Departmental Contact

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Consulation hours via phone:
Tuesday 10:00h to 11:00h
Thursday 10:00h to 12:00h
+ on appointment
➢ Buddy-Teams:
  individual questions, recommendations

➢ Meetings all together:
  interaction with the whole group of exchange students and mentors

➢ Excursions:
  2-3 daytrips, e.g. into the Alps or city sightseeing
Thank you for your attention!

Enjoy your stay in Munich!

Now...

...you have the opportunity to ask questions
... you might get your arrival documents signed
... talk to your fellow students and
...have a drink and snack!