

How to IT

Introduction to IT-Services at TUM
Study Introduction Days (SET) 2021
set@fs.tum.de

Content

1. TUMonline
2. Moodle
3. Identifiers & Services
4. Library
5. Usefull Links / Tools
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TUMonline

Administration of studies and registration to Lectures and Exams

Moodle

Where Worksheets come from and where Homework „must“ be uploaded

Moodle front page

- Reachable at www.moodle.tum.de/
- All Course Categories: Manual registration to courses (only as an exception)
- “Kursübersicht“: Your courses, visible after registration to lecture in TUMOnline
- Upcoming events: Relevant events, such as homework deadlines
- Calendar: Events shown as a calendar

Hilfe ▾ de | en

Meine Startseite
[Alle Kursbereiche](#)

Meine Kurse ▾

- Grundlagen: Dat 950494097 (W20/21)
- Software Engine 950494533 (W20/21)
- Studienfachberatung der Fakultät für Informatik
- Einst Eng (WiSe 20/21)
- DS 20/21
- Vorkurs Mathema 950543849 (W20/21)
- EIDI+PGDP

Lernplattform Moodle
Technische Universität München

Diese Seite bearbeiten

Meine Kursübersicht

Semester: WiSe 2020/2021
 Einrichtung: Alle

- Diskrete Strukturen 2020/2021** (WiSe 2020/2021 | Informatik)
- Grundlagen: Datenbanken (IN0008)** (WiSe 2020/2021 | Informatik)
- Investitions- und Finanzmanagement (WI000219)** (WiSe 2020/2021 | Wirtschaftswissenschaften)
- Software Engineering für betriebliche Anwendungen - Bachelorkurs (IN2085)** (WiSe 2020/2021 | Informatik)
- Studienfachberatung der Fakultät für Informatik** (WiSe 2020/2021 | Informatik)
- Vorkurs Mathematik für Informatik** (WiSe 2020/2021 | Informatik)
- EIDI (IN0001) und PGDP (IN0002) im WS2020/2021** (WiSe 2020/2021 | Informatik)

Sie haben 4 ausgeblendete Kurse | [Ausgeblendete Kurse verwalten](#)

Aktuelle Termine

Keine weiteren Termine
[Zum Kalender ...](#)

Meine Dateien

Keine Dateien vorhanden
[Meine Dateien verwalten...](#)

Kalender

Oktober 2020

Mo	Di	Mi	Do	Fr	Sa	So
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Moodle Course Page

- **Notifications**: Announcements by lecturer / staff (usually subscribed to by mail by default)
- **Discussion forum**: Discussion with other students and lecturers
- Lectures are usually grouped by weeks:
 - Lectures recorded and provided by Panopto are usually embedded. Alternative: “Panopto” section on right side containing every video.
 - Lecture slides, exercise sheets and homework turn-in can also be found here
- **Activities (right side)**: Lists of all homework assignments, discussion boards or course documents

Help de | en

er Name :)

Title (Module-number)

Dashboard > My courses > Beispielkurs SET (WS20/21)

Welcome to the sample course!

- Notifications
- Discussion forum

2. November - 8. November

A lecture could be placed here

- Lecture slides week 1
- Homework assignment week 1

Submission of the homework of week 1 (please note the deadline!)

Panopto

Completed Recordings

- Lecture 13
- Lecture 12
- Lecture 11
- [Show All]

Activities

- Assignments
- Forums
- Group choices
- Resources

Moodle mailing

- Preferences accessible in menu (top right)
-> Preferences -> Forum Preferences
- Mail-notifications for subscribed forums
- E-Mail digest type:
 - Single: For every message one mail
 - Complete: One Mail per day with all new messages
 - Subjects: One Mail per day; sorted by subjects
- Forum auto subscribe: Yes, to automatically get the answers for your questions

The screenshot shows the Moodle user interface. At the top, there is a navigation bar with a menu icon, language options (Hilfe de | en), and a user profile dropdown (euer Name). Below this, the Moodle logo and the text 'Lernplattform Moodle Technische Universität München' are visible. The main content area shows the user's profile 'euer Name' with a 'Mitteilung' icon. A breadcrumb trail reads: 'Meine Startseite > Einstellungen > Nutzerkonto > Foren einstellen'. The 'Foren einstellen' section contains several settings: 'E-Mail-Zusammenfassung' is set to 'Einzel (alle Forumsbeiträge einzeln als E-Mail)'; 'Forum abonnieren' is set to 'Ja, Forum abonnieren, in dem ich einen Beitrag schreibe'; 'Experimentelle verschachtelte Themenansicht verwenden' is set to 'Ja'. A collapsed section 'Forumstracking' contains 'Forumstracking' set to 'Nein, keine Beiträge markieren' and 'Beim Senden von Mitteilungen zum Forum' set to 'Markiere den Post als gelesen'. At the bottom, there are two buttons: 'Änderungen speichern' and 'Abbrechen'.

Identifiers & Services

What identifiers you have and what you can do with them

Accounts / Identifiers

LRZ-Account

- LRZ = Leibnitz-Rechenzentrum
 - LRZ-Kennung: *go42tum*
 - Used for:
 - TUMonline (*LRZ-Kennung = TUMonline Kennung*)
 - Moodle
 - Artemis (eg. PGdP)
 - Mail
 - Eduroam
 - LRZ Services (sync and share, gitlab, VPN)
 - Everything using TUM Shibboleth
- > "12345" is a bad password!

RBG-Account (only Info/Math)

- RBG = Rechnerbetriebsgruppe
- RGB login („*Rechnerkennung*“):
last-name (+/- 1-2 letters)

Services

LRZ account

- General:
www.lrz.de/info/studierende/
- **Important:** Set VPN-Connection up ([Manual](#) and [VPN-Client](#))
- GitLab (not public): gitlab.lrz.de/
- Sync & Share: syncandshare.lrz.de/ (may eat your files sometimes, better use Nextcloud)
- Software over TUMonline -> Software
Microsoft-Products, MindManager, Matlab, etc.
- Software after registration with TUM-E-Mail
eg. JetBrains IDEs, Autodesk Software, etc.

RBG account (IN/MA)

- By default, anything with in.tum.de / ma.tum.de
- Full informations about the account: [Wiki](#)
- First Information point for every Service: [Wiki](#) of RBG After that: Helpdesk in the small computer hall (rbg@in.tum.de)
- Administration & Registration with ucentral.in.tum.de/
- Question platform: kb.in.tum.de (accessible only inside TUM, otherwise with LRZ VPN)
- Nextcloud (an alternative to Sync & Share) nextcloud.in.tum.de

E-Mail

TUMonline (LRZ)

- Administration over *TUMonline* -> *E-Mail addresses*
 - go42tum@mytum.de (everyone has one)
 - vorname.nachname@tum.de (can be created, is a good idea)
- Choose between forwarding or getting it (+ eventually forward)
- Important informations are sent by email, check email REGULARLY
- Accessible with mail.tum.de or Client ([How-To](#))
- Address book of all Students accessible at mail.tum.de or with [Exchange](#)

RBG (only IN/MA)

- Accessible over webmail.in.tum.de or Client ([How-to](#))
 - rbgkennung@in.tum.de or
 - rbgkennung@ma.tum.de
- E-Mail-certificate exists ([How-To](#))
- Forwarding to a common Mail is suggested

"Rechnerhalle" in MI-building

- Between Finger 5 and 7 in ground floor
Split in small and big computer hall (Rechnerhalle)
- Other computer rooms in MI-building ([Wiki](#))
- Windows / Linux Workplaces
- Are equipped with a so called [BlackBox](#) and [BlackBox-Software](#)
Login with Rechnerkennung
- Remote Access possible with SSH ([Wiki](#))
rgbkennung@lxhalle.in.tum.de bzw.
rgbkennung@ssh.ma.tum.de
File management possible with for example [WinSCP](#)
- Creating a homepage is possible ([Wiki](#))

Printing/ Scanning in the MI building

- Printing quota: 50 Pages / Semester for free
100 pages for 3,50€ can be bought in [Skriptenverkauf](#)
- Followme-printing on all printers in MI
(Queueing of Tasks and printing on any printer with your Student ID)
- Scanning on the "Stockwerksdrucker"
Scan can be sent via email or saved on USB ([Wiki](#))
- Administration on [Ucentral](#)
Status: Activation of computer for printing (Guide to set up printing [general](#) and for [Win](#), [Linux](#), [Mac](#), for printing with [qpilot](#) not necessary)
Take print from printer: If free, register with StudentCard [here](#)
- Easier / Another Way: qpilot.rbg.tum.de
(Printing, Tasks administration, Printing quota, etc.)
Maybe registration of the StudentCard in [Ucentral](#) necessary

Quo vadis Physik?

- Computer and Printers at the entrance, on the right (in front of the "Fachschaft")
- Registration with LRZ-Kennung
- Free printing quota: 60 pages/ month

Can i haz Internetz?

eduroam

- Secure & useable at many universities worldwide after registration
- Username: *lrzkennung@eduroam.mwn.de*
- Passwort: *LRZ-Password*
- Deposit Certificates! ([How-to](#))
- TUM Campus App (Android) can set everything up automatically

lrz

- Useable only over LRZ VPN (-> LRZ-Services)

BayernWLAN

- Free Wi-fi for everyone (use eduroam!)


Library

How you get to books

Using the Library

- Library card /-number on the back of your StudentCard
Once necessary: Accept Library Regulations in TUMonline -> Library
- Online presence: www.ub.tum.de/
- OPAC: <https://ub.tum.de/opac>
To search and order books. Remember: Choose the place of pickup wisely!
- OPACplus (In OPAC top, choose the button „OPACplus“)
Find extra research articles. Login in eAccess is helpful...
- [Interlibrary loan](#)
- [dokumentTUM](#)
Books and papers (up to 10%) - if in stock in the library - will be scanned and sent by email in 1-3 business days

eAccess

- For online loan of  E-Books register on login.eaccess.ub.tum.de/login, and read the book within the [OPAC](#)
- Also accessible after registration in [eAccess](#):
 - EZB = Access to online newspapers
 - DBIS = List of external databases with data from newspapers, congress papers, dissertations, statistics, facts and much more
- For **@** electronic media you may have to register on the site (eg. with *Institutional Login*) with TUM-Shibboleth
- SpringerLink (springer.tum.sexy)
 - Online-access to books of Springer, registration with TUM-Shibboleth

Volltextzugriff auf E-Medien

Authentifizierung: **erfolgreich**

Sie sind über eAccess bzw. über eine IP-Adresse im TUM-LAN authentifiziert.

Ihre IP-Adresse: 127.0.0.1

Erfolgreiche Authentifizierung im OPAC

Useful Links / Tools

How to simplify your life

Other things by us, the SET people

- [SET-Website](#)
- [Campus tour](#)
- [SETup](#)
The definitive guide for all first semesters

Useful Links / Tools

- tum.sexy
Link list & Shortlinks mostly for Informatics / Mathematics (Curriculum, [Hunger](#), study materials, etc.)
- latex.tum.de
Online LaTeX editor
- roomfinder.tum.sexy
- MPI Newsletter in Telegram
t.me/fsmpi (Offers/Promotions: t.me/mp_i_aushaenge)
- Newsletter of the "Studentischen Vertretung" in Telegram
t.me/s/sv4tum_newsletter ("Schwarzes Brett": t.me/sv4tum_schwarzesbrett)
- SET-Discord
<https://discord.gg/XuwFpQftWH>

One more thing ...

Corona and its influence on teaching

Studying during the pandemic

- **Officially:** In person events with digital alternatives as needed.
- **BUT:** No specific rules on Tools / Software if things go online
- **Important:** Register for the courses in TUMonline and look for more informations on Moodle
- Some Courses have extra forums for communication as well as informations on Moodle

Lectures

- Lecture hall
- TUM.Live
live.rbg.tum.de/ (Live and/or Video)
- PanOpto
(Video embedded in the Moodle course)
- Flipped Classroom
Lecture videos in Moodle and Q&A sessions
- Zoom
(Live, Link is given in Moodle course, for more informations look "Tutorien")
- BigBlueButton
(Live and maybe Video, Link is given Moodle course, for more informations look "here")
- [Lecturio.de](https://lecturio.de)
(Mostly by Economics, Videos, registration with TUM-E-Mail needed)

Events on campus

Contact tracing

- QRONITON
 - developed at TUM
- Login with QR-Code in the room
 - Choose duration and check in
 - For undefined login time, do not forget to check out!
- First time:
 - Registration at QRONITON ([How-To](#))
 - Data is saved using WebStorage or Cookies for further registration attempts

3G Rule

- On the whole Campus and for every lecture
- In case of violation: administrative offense

3G -> Vaccinated, Recovered or Tested

2G -> Vaccinated or Recovered

Tutorien

BigBlueButton (BBB)

- Used by Mathematics/Informatics Faculty
- Simply use link in the browser
- Own rooms can be created at bbb.rbg.tum.de/ (RBG identifier)

Zoom

- Is used by almost all faculties at TUM
- Access with link or meeting ID + password
- Can be used in the browser (tum-conf.zoom.us/) or in the Client(-> next Slide)

Zoom

With Browser

- Accessible by tum-conf.zoom.us/
- Meeting beitreten | Join a Meeting
To join a meeting with ID + Password
- Alternatively: open meeting link and choose “*join in browser*”
- [Audio|Video]-Meeting starten
To create own meetings, registration with LRZ identifier necessary

With Desktop Client

- Downloadable on the [Zoom-Website](#)
- Register with SSO -> enter *tum-conf* and register with LRZ-Kennung
- Join
To join a meeting with ID + Password
- Alternatively: open Meeting link in browser and accept the use of zoom client
- New Meeting
To create own meetings

Exams

- Format (On-site / online) will be announced
 - Closed-book: classic exam without any materials (notes etc.), may be monitored if online
 - Open-book: Any materials (maybe with some restrictions) accepted, watch your time!
- For online exams: The tools used will be thoroughly explained and there will be a mock exam

Tools, that might be used:

- TUMexam
 - Access with personal link from TUMonline, download a PDF work on it and upload it again before the deadline ([Detailed guide](#))
- Artemis
 - Text-, diagram and programming exercises (even in own IDE) possible
- Moodle E-Test
 - Mostly Multiple-Choice Test, might be monitored with Proctorio

That's it.

Slides are on mpi.fs.tum.de/neu-an-der-tum/set/

Questions?

Please write them on Slido