

UNIVERSITY OF OSLO

Introductory week for MSc
Technical and practical life hacks

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- Room numbers
- User account, authentication and email
- Remote services
- Research infrastructure
- Handling research data
- Some general advice

How to find your way in Ole-Johan Dahls hus

Either use Mazemap, or learn how to use the room numbers as coordinates:

- 1st: floor (5xxx = 5. etg, 10xxx = 10. etg)
- 2nd: row, or in practice the room's main entrance:
 - : x1xx: West, towards Kristen Nygaards hus
 - : x2xx: Middle west
 - : x3xx: Middle east
 - : x4xx: East, towards Blindern campus
- 3rd and 4th: south (01) to north (70)

User account, authentication and email

- Single sign-on (SSO) and federated authentication (Feide/MS)
- username most other places; eduroam: `username@uio.no`
- Your UiO password must be changed yearly: `passord.uio.no`
- Avoid `ÆØÅ` in your password; **password phrase** is recommend
- 2FA: `uio.no/english/services/it/username-password/2fa`
- Email setups: `uio.no/english/services/it/email-calendar/`

Remote services

- Terminal: Secure Shell (SSH) to login.ifi.uio.no via jumphost:
\$ ssh -J username@login.uio.no username@login.ifi.uio.no
- Desktop: view.uio.no (Omniissa Horizon Client recommended)
- view.uio.no offers full desktops such as Windows, «Ifi Workstation» etc.
- It also contains «software kiosks» (single-program desktops)

By popular demand

- GPT UiO (gpt.uio.no): GPT with improved privacy
- NotebookLM: uio.no/english/services/it/ai/notebooklm/
- Overleaf Professional (for free):
uio.no/english/services/it/store-collaborate/overleaf/

Research infrastructure

- Some self-service offers; everything else goes through your **supervisor**
- NREC (nrec.no) is an Infrastructure-as-a-Service (IaaS) provider (no GPU)
- You can use TerraForm and Ansible with NREC to automate creation and destruction of your experiment infrastructure
- Educloud On Demand is a platform for Jupyter Lab/Notebook, RStudio Server etc with GPUs:
uio.no/tjenester/it/forskning/beregning/open-on-demand/
- Other non self-service solutions has to be requested through your supervisor

Handling research data

- Routines for processing personal data in research projects
- Talk to your supervisor about use of personal data and NSD
- UiO's Services for sensitive data (TSD) have some excellent tools for secure handling of sensitive data
- Also see UiO's Data storage guide

Some general advice

- Think about testing and requirements early - it might take time to set up or get access
- Use Git or another code revision tool (github.uio.no)
- Write comments and notes so you understand them in six months - the process of describing a TODO/Github issue might also help you right now
- Make sure you have a system for backups or make a routine, including for your research data