Student Thesis: On-Boarding Checklist

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This page contains a checklist for students to get started working on their thesis based on the **ExESS** research project. While the General Checklist is applicable to students of all levels (Bachelor/Semester/Master) and all topics (theoretical/numerical/…); the other lists are only relevant for certain levels and topics. For questions, please get in touch with me: a.smolka@tum.de.

General Checklist

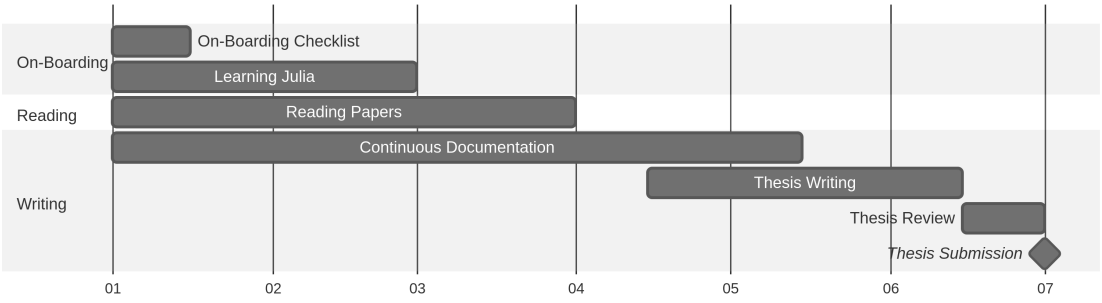
This general checklist shall be completed in the first week(s) of your student thesis work.

- ☐ receive "LPE Thesis Starter Set"
  - read and understand the "Student Thesis Information" presentation slides
- ☐ open (and/or install) Matrix and log in using your TUM-ID
  - use Matrix to send me a message containing one of the logical fallacies listed in the "Student Thesis Information"
- ☐ set up LRZ Sync&Share online folder
- ☐ register your thesis
  - check the information on the registration document (LRZ Sync&Share folder), sign the document, and upload the signed registration to the same folder
- ☐ set up a weekly meeting (including a fixed, weekly repeating outlook meeting)
  - please prepare a short presentation for each regular meeting, which should at a minimum, contain two slides: one with a list of the tasks you have completed since the last meeting and one with a list of the tasks you plan to complete until the next meeting

☐ set up a time plan for your thesis and include the plan in your first presentation (*see the example below*)

Example Time-Plan

The first time plan does not need to be (can not and should not be) very detailed. It should, however, give a rough overview of the tasks you plan to complete and the time you plan to spend on each task. The following is an example of a first draft of a time plan for a 6-month thesis. The time plan is written in Mermaid, which is a markdown-like language for generating diagrams. The Mermaid code is included in the source of this page, so you can copy it and modify it for your own time-plan. You can also use the Mermaid Live Editor to generate your own time plan.
For your thesis, revisit the time plan regularly and update it accordingly. This will help you to keep track of your progress and to identify potential problems early on. Adding more details to the time plan over time will give you a good starting point for your thesis report.



Numerical Based Thesis Checklist

In case you are working on a numerical-based thesis, the following checklist can help you get started with your work.

☐ set up Julia

- check out the list with recommended Julia Resources

☐ set up the `ExESS` package (if applicable)