

180.779 Seminar for Master Students in Data Science

Opening
Master **Data Science**
5th October 2022

Lecturers



Allan Hanbury



Christian Huemer



Andreas Rauber



Thomas Gärtner



Nysret Musliu

Characteristics

- Support for students to write their master thesis
- All master students attend only **one** seminar
- Community building among master students and lecturers
- Peer support and learning from each other
- Communication of diversities in data science (for lecturers and students) to ensure the quality
- Your participation may span over two or more semester.

Students' Tasks

- Each student has to present his/her research proposal
- Each student has to review two research proposals
- Each student has to present the results of his/her master thesis
- When giving a presentation students have to **stay for the whole day**.

Proposal review process

- Submission of the master thesis proposal in TUWEL
- Each student reads at least two proposals
- Each student uploads his/her reviews in the submission system
- Each student summarizes his/her review after the proposal presentation

Proposal Review

- The proposal review follows a structured template with specific questions to be answered.
- Have a look at the questions in the PDF document under the item „Proposal Review – Questions“ in the section „Preliminary Presentation“ of the TUWEL course.
- Evaluate also your proposal against these questions before submitting it.

Proposal Presentation

The proposal must be accepted by the supervisor and, thus, have been uploaded by the supervisor in TISS and received request for approval **before** the presentation

Max. 8 min presentation

- problem definition
- research questions
- expected results
- methodology and approach
- state of the art

~ 5 min review by peers (2 students, lecturers)

Discussion

Final Presentation

Max. 15 minutes presentation of the master thesis

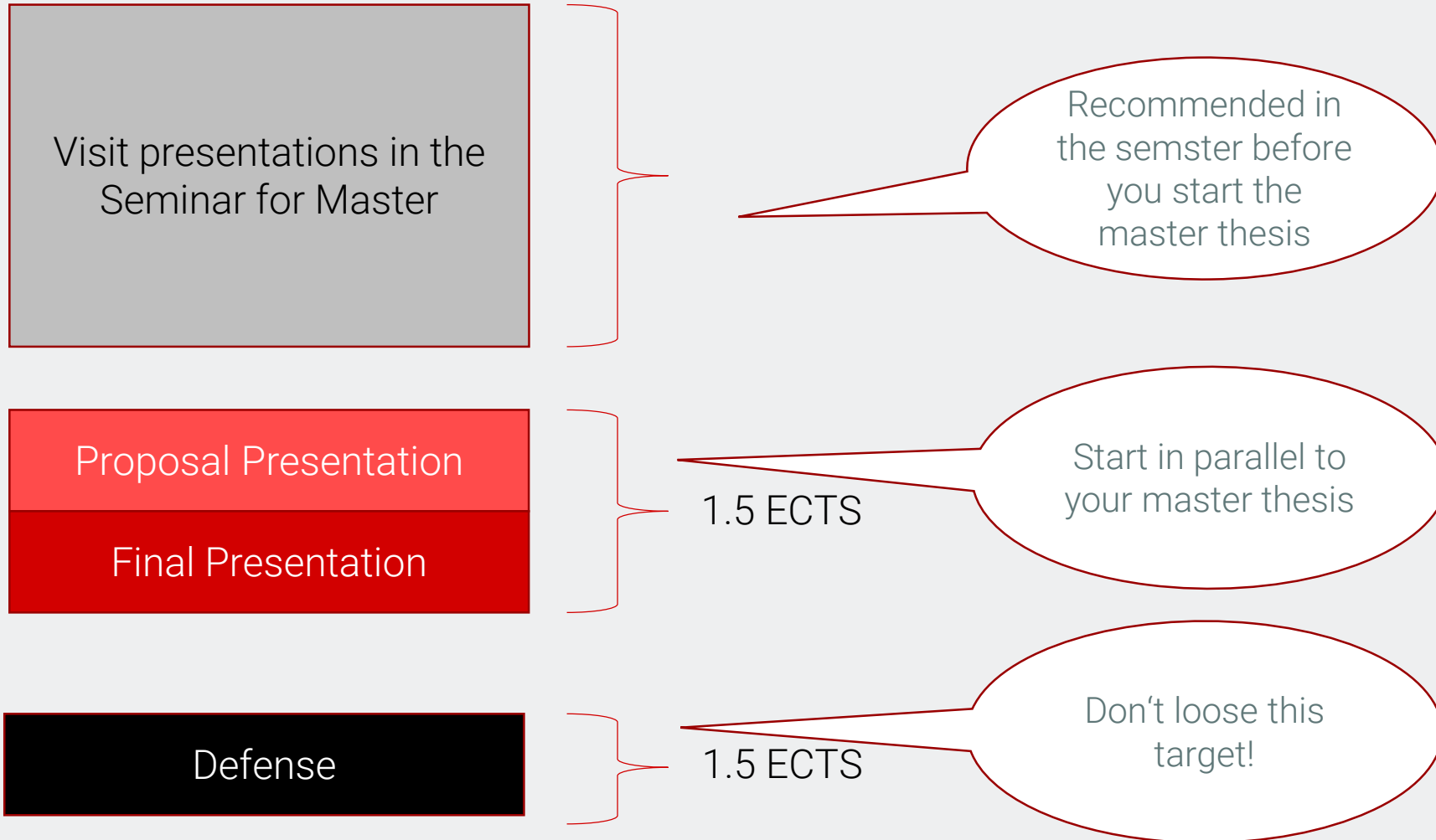
- problem definition
- research questions
- methodology and approach
- results
- evaluation
- contribution (progress compared to the state of the art)

Questions to the Audience

Questions from the Audience

Feedback from the Lecturers

The way towards a successful master thesis



TUWEL

- This course is supported by TUWEL
- All announcements are made via TUWEL
- You have to reserve a presentation slot via TUWEL
- You have to upload your proposal in TUWEL
- You submit your review in TUWEL
- You have to upload your presentation in TUWEL
- TUWEL Passwort: Seminar4Master

Dates

A seminar day is usually always scheduled in the two weeks before a deadline to finish your studies. In case that this is not possible due to holidays (semester break, eastern), students may submit their application for finishing their studies without a certificate for this seminar. The seminar day will be held before the defense and a certificate will be issued in time.

Time schedule for the upcoming winter term

- Today, 5 October 2022, 9:00 – 15:00
- Monday, 5 December 2022, 9:00 – 16:00
- Thursday, 12 January 2023, 10:00 – 17:00

Tentative Timeline for each Seminar Day

- Call for Presentations (via TUWEL Forum):
-28 days (+/- 3 days)
- Reserve a Slot for Proposal/Final Presentation:
-14 days
- Submission of Master Thesis Proposals:
-14 days
- Review Assignment by Lecturers:
-12 days
- Submission of Reviews:
-2 days (sometimes -1 day)
- Submission of Presentations:
on the seminar day