# Lecture 8: Dissertation/Thesis

Instructor: Greta Mok

Dept of Electrical and Computer Engineering

University of Macau

November 29, 2021

#### General

- Follow the institutions' template
- Beware of the margin size
- Single or two-sided
- >100 pages
- Contribute new theories and information to the existing literature in the respective research field
- Tackle a relevant research problem in different perspectives, emphasizing on depth instead of diversity
- Also a formal publication and can be checked online

#### General

- Abstract
- Acknowledgement
- Prepare an outline first
  - Arrange the independent chapters in a logical order
  - Background/motivation/literature review
  - Chapters
  - Discussion
  - Conclusion and future work
  - References
  - Curriculum vitae
- Combinations of multiple papers
  - Introduction, Methods, Results, Discussions and Conclusions

### Other tips

- Check plagiarism use quotation if needed
  - "MLA is a fabulous style" (Johnson 37)
  - Over the course of time Rembrandt's work began to change and focus on different themes, but as Wallace points out:

    "Rembrandt's great gift as an etcher lay in preserving a sense of spontaneity while scrupulously attending to close detail" (142).
  - As Wallace states, "Rembrandt's great gift as an etcher lay in preserving a sense of spontaneity while scrupulously attending to close detail" (142).
- Avoid passive tense, unnecessary adjectives and adverbs
- Avoid jargon, especially in Abstract

## Other tips

- Be consistent on everything
  - abbreviations, spellings (e.g., analyse or analyze), terminology, with hyphen or not, capitalize or not, with space or not
- Get other students proofread
- Set a timeline
- Edit  $\rightarrow$  proofread  $\rightarrow$  edit  $\rightarrow$  crosscheck
- Keep reporting the progress with your advisor

Good luck on your PhD endeavor!