Thesis Writing

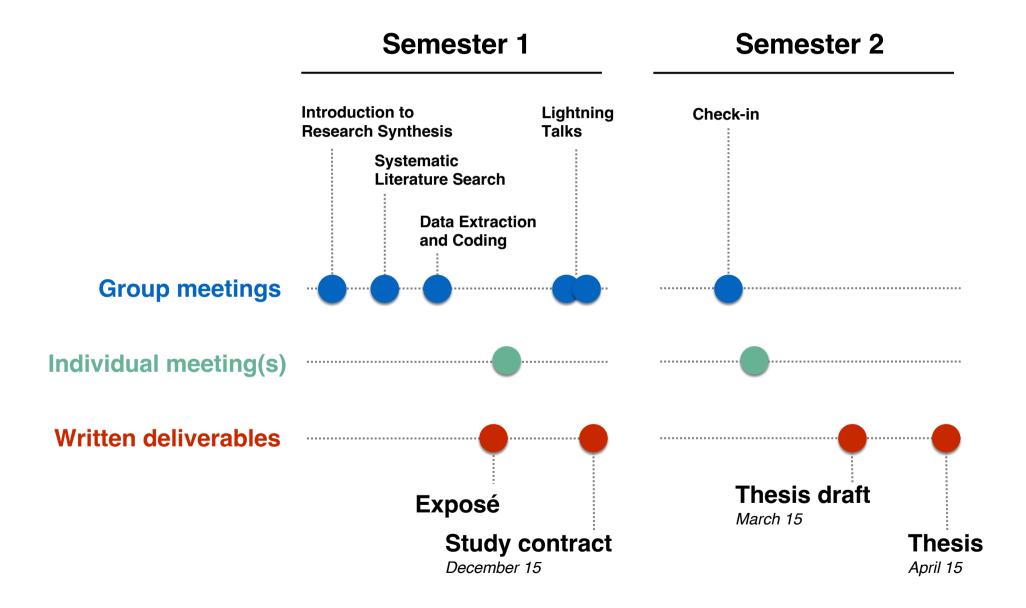
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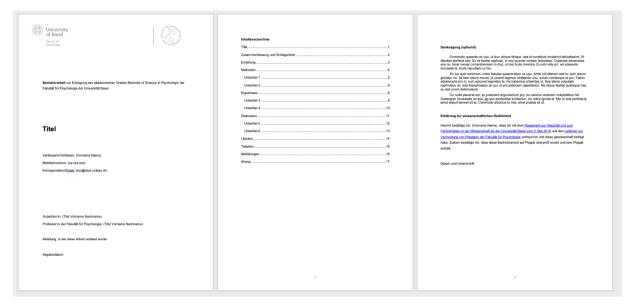
Agenda

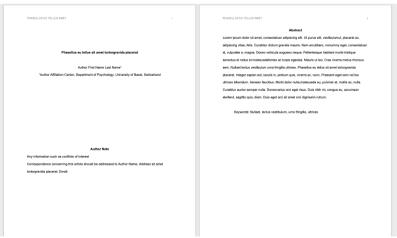
- 1. Timeline (2 min)
- 2. Thesis writing (15 min):
 - templates & components
 - writing tips & tricks
- 3. How are you doing? (60 min)

Timeline



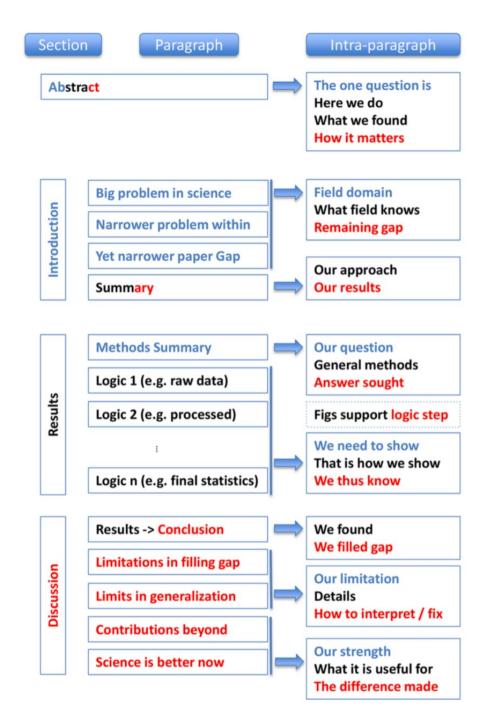
Templates & Components





Our tips & tricks...

- 1. Divide and conquer (make outlines)
- 2. Write short, clear sentences
- 3. Help the reader by being predictable (be formulaic, use the same structure across paragraphs, enumerate)
- 4. Write around key tables and figures
- 5. Don't assume that Zotero references are automatically correct
- Use ChatGPT as a critical reviewer not a coauthor



Mensh, B., & Kording, K. (2017). Ten simple rules for structuring papers. (9): e1005619. https://doi.org/10.1371/journal.pcbi.1005619

Table 1. A summary of the ten rules and how to tell if they are being violated.

Rule	Sign it is violated	
1: Focus on one big idea	Readers cannot give 1-sentence summary.	
2: Write for naive humans	Readers do not "get" the paper.	
3: Use context, content, conclusion structure	Readers ask why something matters or what it means.	
4: Optimize logical flow	Readers stumble on a small section of the text.	
5: Abstract: Compact summary of paper	Readers cannot give the "elevator pitch" of your work after reading it.	
6: Introduction: Why the paper matters	Readers show little interest in the paper.	
7: Results: Why the conclusion is justified	Readers do not agree with your conclusion.	
8: Discussion: Preempt criticism, give future impact	Readers are left with unanswered criticisms and/or questions on their mind.	
9: Allocate time wisely	Readers struggle to understand your central contribution despite your having worked hard.	
10: Iterate the story	The paper's contribution is rejected by test readers, editors, or reviewers.	

https://doi.org/10.1371/journal.pcbi.1005619.t001

if you use Al...

Follow the guidelines for citing Al

Documentation table (example)

KI Tool	Use	Affected Sections
DeepL	Translate quotations from German	Entire document
ChatGPT (version 4o)	ConceptualizationSpell checking	Entire document
Copilot	Code suggestion	Methods and results