

**The Title of my Thesis Plus Some Text to Exceed a
Single Line and Maybe Even Long Enough to
Produce Three Lines (but not More!)¹**

Template for preparing Doctoral Theses at the Faculty of
Engineering Sciences, University of Innsbruck²

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Dissertation

eingereicht an der Leopold-Franzens-Universität Innsbruck, Fakultät für
Technische Wissenschaften zur Erlangung des akademischen Grades

Doktorin der Technischen Wissenschaften

¹Title and subtitle in English if thesis is written in English. Remaining text of titlepage must
be in German!

²Subtitle is optional.

Erste Beurteilerin: ³ Univ.-Prof. Dr. Anke Bockreis, Universität Innsbruck,
Institut für Infrastruktur, Arbeitsbereich für Umwelttechnik

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Wissenschaften, Arbeitsbereich für Festigkeitslehre

³ The evaluators must be coordinated with the Dean of Studies *prior to printing*. Only persons with habilitation are eligible. Only one of the advisors can act as evaluator.

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⁴Only persons with habilitation are eligible.

⁵If applicable.

Formal Structure of a Doctoral Thesis

This doctoral thesis is to be printed two-sided. New chapters start on a new page.

- The doctoral thesis is structured as follows:
 - Page 1: Titlepage
 - Page 2: first evaluator, second evaluator; only people with habilitation are eligible
 - Page 3: Team of advisors:
 - * principal advisor
 - * first co-advisor (if applicable)
 - * second co-advisor (if applicable)
 - Page 4: Acknowledgment (optional)
 - Page 5: Kurzfassung (in German!)
 - Page 6: Abstract (in English!)
- This is followed by:
 - Table of Contents
 - List of Figures (optional)
 - List of Tables (optional)
 - First Chapter
 - ...
 - Last Chapter
 - Bibliography (numeric citation style as in this template is not obligatory; you may also use an author-year style)
 - Appendix (if necessary)
 - Last page: Verpflichtungs- und Einverständniserklärung (in German!)

In case of a cumulative dissertation, the rules of the curriculum must be obeyed. *In particular a verbal description of your own contribution to the individual articles is required.*

Electronic Submission

For electronic submission the thesis is to be converted into pdf-format. It is required that this file is not password protected!

Using the LaTeX Template

The LaTeX template is based on the memoir class. You may use configuration options of this class to customize the look of your thesis.

Peter Wilson. *The Memoir Class for Configurable Typesetting. User Guide*. The Herries Press, Normandy Park, 2016

<http://mirrors.ctan.org/macros/latex/contrib/memoir/memman.pdf>.

Short description of class options

uni: Options are LFUI or UMIT.

type: Options are BA (Bachelor), MA (Master), or PhD (PhD).

lang Options are english or german.

study Options are BauUmwelt (Bau und Umweltingenieurwissenschaften), Bau (Bauingenieurwissenschaften), Umwelt (Umweltingenieurwissenschaften), Mech (Mechatronik), Elek (Elektrotechnik), or Doktorat (Doktorat Technische Wissenschaften).

explanation Options are false and true. Set to false for final version!

```
\documentclass[
uni=LFUI,
type=MA,
lang=english,
study=Mech,
% explanation=false,
]{ftwthesis}
```


Acknowledgment

Optional. If not needed, just delete or leave empty.

Kurzfassung

Kurzfassung Ihrer Arbeit in deutscher Sprache. Verpflichtend!

Abstract

Abstract of your thesis in English. Compulsory!

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1 Information on this Class

The documentclass `ftwthesis` is based on the `memoir` class by Peter Wilson (now maintained by Lars Madsen), see [1]. You may use the configuration option of this class to change the layout of your thesis. For example, the command `\defaultlists` increases the vertical spacing in lists [1, p. 136].

2 Heading at Level 0 (chapter)

2.1 Heading at Level 1 (section)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading at Level 2 (subection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading at Level 3 (subsubection)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Heading at Level 4 (paragraph) Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text

like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

2.2 Lists

Example of a List (itemize)

- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

Example of a List (4 * itemize)

- First item in a list
 - First item in a list
 - * First item in a list
 - First item in a list
 - Second item in a list
 - Third item in a list
 - Fourth item in a list
 - Fifth item in a list
 - * Second item in a list
 - * Third item in a list
 - * Fourth item in a list
 - * Fifth item in a list
 - Second item in a list
 - Third item in a list
 - Fourth item in a list
 - Fifth item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

Example of a List (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list



Figure 2.1: Logo of the University of Innsbruck (example of a figure)

Example of a List (4 * enumerate)

1. First item in a list
 - a) First item in a list
 - i. First item in a list
 - A. First item in a list
 - B. Second item in a list
 - C. Third item in a list
 - D. Fourth item in a list
 - E. Fifth item in a list
 - ii. Second item in a list
 - iii. Third item in a list
 - iv. Fourth item in a list
 - v. Fifth item in a list
 - b) Second item in a list
 - c) Third item in a list
 - d) Fourth item in a list
 - e) Fifth item in a list
2. Second item in a list
3. Third item in a list
4. Fourth item in a list
5. Fifth item in a list

Example of a List (description)

- First** item in a list
Second item in a list
Third item in a list
Fourth item in a list
Fifth item in a list

Table 2.1: Multiplication table for quaternions (example of a table)

	1	i	j	k
1	1	i	j	k
i	i	-1	k	- j
j	j	- k	-1	i
k	k	j	- i	-1

Bibliography

- [1] Peter Wilson. *The Memoir Class for Configurable Typesetting. User Guide*. The Herries Press, Normandy Park, 2016.
<http://mirrors.ctan.org/macros/latex/contrib/memoir/memman.pdf>.

Verpflichtungs- und Einverständniserklärung

Ich erkläre, dass ich meine Dissertation selbständig verfasst und alle in ihr verwendeten Unterlagen, Hilfsmittel und die zugrunde gelegte Literatur genannt habe.

Ich nehme zur Kenntnis, dass auch bei auszugsweiser Veröffentlichung meiner Dissertation die Universität, das/die Institut/e und der/die Arbeitsbereich/e, an dem/denen die Dissertation ausgearbeitet wurde, und die Betreuerin/nen bzw. der/die Betreuer zu nennen sind.

Ich nehme zur Kenntnis, dass meine Dissertation zur internen Dokumentation und Archivierung sowie zur Abgleichung mit der Plagiatssoftware elektronisch im Dateiformat pdf ohne Kennwortschutz bei der/dem Betreuer/in einzureichen ist, wobei auf die elektronisch archivierte Dissertation nur die/der Betreuerin/Betreuer der Dissertation und das studienrechtliche Organ Zugriff haben.

Innsbruck am

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