

TU Delft Thesis Template

The quarto-tudelft extension

TU Delft Thesis Template

The quarto-tudelft extension

Dissertation

for the purpose of obtaining the degree of doctor

at Delft University of Technology

by the authority of the Rector Magnificus, prof. dr. ir. A. B. Example,

chair of the Board for Doctorates

to be defended publicly on

Tuesday 20, June 2025 at 10:00 o'clock

by

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MSc, University of Research, Country

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This dissertation has been approved by the promotor.

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Prof. dr. A. Jansen	Delft University of Technology
Prof. dr. ir. A.B.C.D. van de Lange-Achternaam	Delft University of Technology
Prof. dr. N. Nescio	Politecnico di Milano, Italy
Prof. dr. ir. J. Doe	Delft University of Technology, reserve member
<i>Other members:</i>	
Prof. dr. ir. J. de Wit,	Delft University of Technology
Dr. ir. Q. de Zwart,	Delft University of Technology



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<https://repository.tudelft.nl/>.

TABLE OF CONTENTS

Preface	7
1 Summary	9
2 Introduction	11
2.1 Custom Callouts	11
3 Guide	13
3.1 Installation	13
3.2 Usage	13
3.3 Format Options	13
3.3.1 TU Delft Logo Inclusion	14
3.3.2 Multiple Institute Logos	15
3.3.3 Example YAML Configuration	15
References	17

PREFACE

i Note

Preface goes here. This chapter is optional.

This is the TU Delft dissertation template for Quarto use the book project type. To learn more about Quarto books visit <https://quarto.org/docs/books>.

The template uses the `quarto-tudelft` extension for formatting. The extension itself is adapted from a LaTeX template that can be found at GitLab: [novanext/tudelft-dissertation](https://gitlab.com/novanext/tudelft-dissertation).

1

SUMMARY

In summary, this book has no content whatsoever.

2

INTRODUCTION

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

2.1. CUSTOM CALLOUTS

The template adds custom numbered blocks using the embedded [ute/custom-numbered-blocks](#) extension, which supports HTML and PDF with non-standard cross-references (i.e. `\ref{}` syntax). We provide two custom numbered blocks:

We provide two custom numbered blocks:

1. **TRQ** for Thesis Research Questions
2. **RQ** for Research Questions
3. **Rec** for Recommendations

TRQ 2.1 is an example of a Thesis Research Question; RQ 2.1 is an example of a Research Questions; Rec. 2.1 is an example of a recommendation.

Thesis Research Question 2.1: What is a TRQ?

This is a Thesis Research Question, that you might want to use in the introduction of your thesis.

Research Question 2.1: What is a RQ?

This is a Research Question, that you might want to use in any chapter of your thesis.

Recommendation 2.1: What is a Rec?

This is a Recommendation that you might want to use in the conclusion of your thesis.

3

GUIDE

3.1. INSTALLATION

You can either use this repository as a template or use the `quarto-tudelft` extension in an existing project.

3.2. USAGE

Once installed, you can use the format in your document's YAML header:

```
---  
title: "My Doctoral Dissertation"  
format:  
  tudelft-thesis-pdf: default  
---
```

3.3. FORMAT OPTIONS

This extension provides several variables to customize your thesis title page:

Variable	Description	Example
<code>title</code>	Title of your dissertation	"My Doctoral Dissertation"
<code>subtitle</code>	Optional subtitle	"A Study of Something Important"
<code>author</code>	Full name of the author	"Jane Doe"

Variable	Description	Example
<code>author-degree</code>	Highest academic title, university, country	“MSc, University of Research, Country”
<code>author-birthplace</code>	Town/city and country of birth	“Amsterdam, The Netherlands”
<code>defense-date</code>	Date and time of the defense	“Tuesday 20, June 2025 at 10:00 o'clock”
<code>rector</code>	Name of the Rector Magnificus	“prof. dr. ir. A. B. Example”
<code>committee</code>	List of committee members	See example below
<code>independent-members</code>	List of independent members	See example below
<code>other-members</code>	List of other members	See example below
<code>contributors</code>	List of committee members who contributed to the dissertation	See example below
<code>keywords</code>	Keywords describing the research	“keyword1, keyword2, keyword3”
<code>printed-by</code>	Printing company information	“University Press”
<code>cover-by</code>	Cover design credit	“Jane Smith”
<code>copyright-year</code>	Year of copyright	“2025”
<code>phd-series</code>	PhD series information if applicable	“Casimir PhD Series, Delft-Leiden 2025-01”
<code>isbn</code>	ISBN number	“978-90-8593-000-0”
<code>repository-url</code>	URL to the electronic version	“https://repository.tudelft.nl/”

3.3.1. TU DELFT LOGO INCLUSION

The extension automatically includes the TU Delft logo by default. You can control this behavior:

```
# Include the TU Delft logo (default: true)
institute-logo-tudelft: true

# Add additional logos
institute-logos:
  - path: "images/partner-institute-logo.png"
  - path: "images/another-institute-logo.png"
```

To disable the automatic inclusion of the TU Delft logo:

```
institute-logo-tudelft: false
```

When providing your own logos, the TU Delft logo (if enabled) will always appear first, followed by your specified logos.

3.3.2. MULTIPLE INSTITUTE LOGOS

To include multiple logos of institutions that contributed to your research:

```
institute-logos:
  - path: "images/tudelft-logo.png"
    spacing: "1.5cm" # Optional spacing between logos
  - path: "images/partner-institute-logo.png"
```

Alternatively, for a single logo, you can use the simpler syntax:

```
institute-logo: "images/tudelft-logo.png"
```

3

3.3.3. EXAMPLE YAML CONFIGURATION

```
---
title: "My Doctoral Dissertation"
subtitle: "A Study of Something Important"
author: "Jane Doe"
author-degree: "MSc, University of Research, Country"
author-birthplace: "Amsterdam, The Netherlands"
defense-date: "Tuesday 20, June 2025 at 10:00 o'clock"
rector: "prof. dr. ir. A. B. Example"

# Committee members
committee:
  - title: "Prof. dr. A. Kleiner"
    affiliation: "Delft University of Technology"
    role: "promotor"
  - title: "Dr. A.A. Aaronson"
    affiliation: "Delft University of Technology"
    role: "copromotor"

independent-members:
  - title: "Prof. dr. A. Jansen"
    affiliation: "Delft University of Technology"
  - title: "Prof. dr. ir. A.B.C.D. van de Lange-Achternaam"
    affiliation: "Delft University of Technology"
    name-too-long: true # Use this for names that need to be on their own line
  - title: "Prof. dr. N. Nescio"
    affiliation: "Politecnico di Milano, Italy"
  - title: "Prof. dr. ir. J. Doe"
    affiliation: "Delft University of Technology"
```

```
    role: "reserve member"

other-members:
  - title: "Prof. dr. ir. J. de Wit"
    affiliation: "Delft University of Technology"
  - title: "Dr. ir. Q. de Zwart"
    affiliation: "Delft University of Technology"

# Contributors to dissertation
contributors:
  - title: "Prof. dr. ir. J. de Wit"
    affiliation: "Delft University of Technology"

# Institute logos (choose one approach)
institute-logos:
  - path: "images/tudelft-logo.png"
    spacing: "1.5cm"
  - path: "images/partner-institute-logo.png"

# Publication details
keywords: "keyword1, keyword2, keyword3"
printed-by: "University Press"
cover-by: "Jane Smith, featuring an abstract representation of the research top
isbn: "978-90-8593-000-0"

format:
  tudelft-thesis-pdf: default
---
```


REFERENCES

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111.
<https://doi.org/10.1093/comjnl/27.2.97>.