# Academic Thesis

# **Thesis English Title**

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|---|---|
| Author: | XXX |
| Supervisor: | Professor XXX |
| | Software College, Northeastern University |
| Degree Application: | PhD |
| Subject Category: | Engineering |
| Major: | Software Engineering |
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**Northeastern University**

**June 2025**

**A Dissertation in Software Engineering**

# Thesis English Title

by XXX

Supervisor: Professor XXX

**Northeastern University**

**June 2025**

# Statement of Originality

I state that this thesis is finished with the guidance of my supervisor. Any published or written research achievements of others don't contain in this thesis except the labeled and acknowledged ones. Neither do the materials used for getting other degrees of mine. All the efforts from my colleagues on this research have been explained and thanked in this thesis.

Signature of the author:

Date:

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A year and a half after getting the degree ☐

Two years after getting the degree ☐

Signature of the author:            Signature of the supervisor:

Date:                     Date:

# 摘　要

本文是东北大学博士学位论文Latex模板使用说明文档

**关键词：** 东北大学; Latex模板; 说明文档;

# Abstract

This is a help documentation of Latex template for the Ph.D. thesis in Northeastern University.


 **Keywords:** Northeastern University; Latex Template; Help documentation;

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# Chapter 1  Introduction

## 1.1  Background

Considering that many students may lack experience in using LaTeX, NEU-Thesis has highly encapsulated the complexity of LaTeX, opening up a simple interface for easy use. At the same time, some of the main difficulties in writing a dissertation with LaTeX, such as graphing, tabulation and bibliographic indexing, are explained in detail, and corresponding code samples are provided. After understanding the above issues, there will be no substantial difficulties for beginners in writing a dissertation using this template. So, if you are a beginner, please don't just give up, because I, also a beginner, understand very well the importance of making LaTeX easy to use, and that is what NEU-thesis seeks and embodies.

This template is based on the Chinese Academy of Sciences University dissertation template causthesis template. NEU-thesis template meets the latest Northeastern University doctoral dissertation layout requirements and cover print settings. The template is compatible with the following operating systems: Windows, Linux, MacOS, and LaTeXcompilation engines: pdflatex, xelatex, lualatex. features such as Chinese bookmarks, Chinese rendering, Chinese bold display, copying text from PDF to other text editors are supported. In addition, the document structure of the templates has been carefully designed and compilation scripts have been written to improve the ease of use and efficiency of the templates.

The goal of NEU-thesis is to simplify the writing of a dissertation by taking advantage of the LaTeX feature of separating the formatting from the content so that once the template has been formatted, the author can focus only on the content of the dissertation. At the same time, NEU-thesis has a clean and consistent code structure and concise notes, and a careful reading of the documentation provides a window for beginners to learn LaTeX.

## 1.2  System requirements

NEU-thesis package can be used in the current mainstream LaTeX compilation system, such as CTEX （Please do not confuse the CTEX Suite, a LaTeX compilation system that integrates many LaTeX components, with the ctex macro package, which has been discontinued and **is no longer recommended**. The ctex macro package, like NEU-

thesis, is the LaTeX command set with an active maintenance status and is integrated by default by mainstream LaTeX compilation systems, and is the core architecture of almost all LaTeX Chinese documentation.) , MiKTeX (less stable maintenance, **less recommended**), TeXLive. recommended LaTeX compilation system and LaTeXText Editor for

LaTeX compilation systems (e.g. TeXLive) are used to provide the compilation environment, LaTeX text editors (e.g. Texmaker) are used to edit TeX source files. Please download the installer from the official website of each software, do not use other program sources. After successful installation of **LaTeX compilation system and LaTeX editor respectively, the user is done with LaTeX system configuration**, no other manual intervention and configuration is required. If you have an old version of the LaTeX compiler and want to install the new version, please **uninstall the old version first and then install the new version**.

## 1.3   Questions Feedback

For knowledgeable questions about LaTeX, please check LaTeX knowledge site and LaTeX Wikibook.

For template compilation and styling issues, please **read this documentation carefully first, especially the "Frequently Asked Questions" (section ??)**. If the problem still cannot be solved, please **understand and describe the problem first, then give feedback** to Github/NEU-Thesis-en/issues.

We welcome your effective feedback on the shortcomings of the template, and we will keep improving it together. We hope that you will actively promote LaTeX to your colleagues and do research more efficiently together.

## 1.4   Template Download

Github/NEU-Thesis-en: `https://github.com/sci-m-wang/NEU-Thesis-en`

# References

# Acknowledgment

This is an acknowledgment.