

Ph.D. Dissertation

**Dissertation Title (22p)**

- Subtitle (16p)-

Student Name (16p) (ex: First name Last Name)

The Graduate School

Sungkyunkwan University

Department of ooo (16p)

Ph.D. Dissertation

Dissertation Title (22p)

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# **Dissertation Title (22p)**

- Subtitle (16p)-

Student Name (16p) (ex: First name Last Name)

A Ph.D. Dissertation Submitted to the Department of ooo (16p) and the  
Graduate School of Sungkyunkwan University in partial fulfillment of the  
requirements for the degree of Typed your degrere (ex: Doctor of  
Philosophy 14p)

October 2024

Supervised by

Major Advisor's English Name (16p)

Major Advisor

This certifies that the Ph.D. Dissertation  
of Student Name (16p) (ex: First name Last Name) is approved.

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Committee Chair :

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Committee Member :

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Committee Member :

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Committee Member :

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Major Advisor :

The Graduate School  
Sungkyunkwan University  
December 2024

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## **Abstract**

### **Dissertation Title (22p)**

Leave two blank spaces at the beginning of each paragraph, and use the font size of 11 points.

The length of the abstract should not be longer than 2 pages.

List 2–5 keywords separated by commas.

**Keywords:** \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_



# Chapter 1. INTRODUCTION (16P)

## 1. Section (14p)

1)

The main body of the text starts here. The main text should be typed with HY 신명조 11 point which is composed of line scape 200% 38 characters x 25 lines.

This page is typeset with the above font sizes, so you can write the text by using the typeset form of this page.

Leave two blank spaces at the beginning of each paragraph, and use a font size of 11 points.

The convention used for footnotes and references may vary in different academic disciplines and societies. Thus, please follow the convention used in your department.<sup>1</sup>

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<sup>1</sup>Footnotes are written in 9point.

## Chapter 2. L<sup>A</sup>T<sub>E</sub>X USAGE

### 1. `skkudissertation` document class

You can write PhD dissertation for Sungkyunkwan University based on `skkudissertatin.cls` by `\documentclass{skkudissertation}`. The formats are based on SKKU (2023b) and SKKU (2023a). Several options help you prepare each copy you submit.

- Define what you are writing: The default (just using `\documentclass{skkudissertation}`) is a Ph.D. dissertation in English.
  - `ms`: If specified, write Master’s thesis, not Ph.D. dissertation.
  - `kor`: Write the dissertation in Korean.
- Print options:
  - `noside`: Do not give side cover.
  - `signature`: Write committees’ names in the approval form.
  - `demodissertation`: The demo version is provided. This reproduces the dissertation instruction form. Contents for this version are inside the demo folder, including every main text. If you delete the contents of the demo directory, you cannot use this feature.

To use Korean, this document class implements `kotex`. At this point, you need to change the compiler to XeLaTeX or LuaLaTeX from pdfLaTeX. However, it gives a warning in the recent T<sub>E</sub>X-Live version saying that

```
“Font shape `TU/UnBatang.ttf(0)/m/it' undefined”
```

“Some font shapes were not available, defaults substituted.”

Since they are not errors, you can ignore them. If you want to avoid these warnings, change the T<sub>E</sub>X-Live version to 2020.

## 1) Configuration

By using the following commands, you can make the format of the dissertation easily. All should be defined before beginning the document.

- `\dissertationtitle{}`: Dissertation title
- `\dissertationsubtitle{}`: Subtitle
- `\authorname{}`: Author
- `\department{}`: Department name following “Department of”
- `\submissiondate{}`: Date in submission form. Instruction will tell what should be used.
- `\approvaldate{}`: Date in approval form. Instruction will tell what should be used.
- `\gradyear{}`: Graduation year in side cover. Instruction will tell what should be used.
- `\degree{}`: Degree name.
- `\majoradvisor{}`: Major advisor.
- `\backtitle{}`: Dissertation title in Korean.
- `\backname{}`: Author name in Korean.
- `\backdep{}`: Department name in Korean, preceding “학과”.

If signature option is enabled (`\documentclass[signature]{skkudissertation}`), the name of each committee and advisor is put in approval form. To use this option, you should also specify the following.

- `\committeechair{}`: Committee chair.
- `\firstcommittee{}`: First committee member.
- `\secondcommittee{}`: Second committee member.
- `\thirdcommittee{}`: Third committee member.

## 2) Abstracts and keywords

The following generate abstract and keywords pages. Keep the order provided in `main.tex`.

- Fill `\begin{abstractpage}{eng} ... \end{abstractpage}` for the English abstract.
- `\begin{keywords}{eng} ... \end{keywords}` will add English keywords.
- Fill `\begin{abstractpage}{kor} ... \end{abstractpage}` for the Korean abstract.
- `\begin{keywords}{kor} ... \end{keywords}` will add keywords in Korean.

## 2. Chapters and Sections

The document has a hierarchy of

1. Chapter: `\chapter{title}`
2. Section: `\section{title}`
3. Sub-section: `\subsection{title}`

#### 4. Sub-subsection: \subsubsection{title}

Chapter title is provided with **Chapter num. TITLE**, which is centered. Section title is in the format of num. Title. In the following, you can see the format of the rest - subsection and subsubsection.

##### 1) This is subsection

The format of subsection is num) Title.

##### 1.1) This is subsubsection

The format of subsubsection is num.num) Title.

### 3. Figures and tables

#### 1) Figures

If a figure is displayed, it will be listed in **List of Figures** automatically. Check with Figure 2-1.



Figure 2-1: Example figure

#### 2) Tables

If a figure is displayed, it will be listed in **List of Tables** automatically. Check with Table 2-1.

Col1	Col2
1	1

Table 2-1: Example table

## 4. Bibliography

This document uses `natbib` with `apaLike` style by default. Since the detailed instruction for citation style depends on the user's department, the styles are specified in the 12-th and 13-th lines of `main.tex`. You can change this. You can use your own `bib` file and change `\bibliography{}` input (92-th line of `main.tex` now). `skkudissertation.bib` is provided for demo.

## 5. Disclaimer

This template is not the official document of Sungkyunkwan University. The author does not take any responsibility for the results. When you use this, check your department notice and document first.

## References

SKKU (2023a). (english) dissertation form for doctorate degree (박사학위논문 영문양식).

Technical report, Sungkyunkwan University.

SKKU (2023b). Guideline for 2024 winter thesis/dissertation binding and submission process.

Technical report, Sungkyunkwan University.

# Appendix

<Appendix A> title (14p)

<Appendix B> title (14p)

If you need an Appendix, please use the same form with the main body text.

If you don't need an Appendix, please delete this page.

<Appendix C>  $\LaTeX$  Usage

Use `\appendix` before starting the appendix. The appendix does not have a chapter; it starts with a section. So, if you want to generate a new one, use `\section{}` instead of `\chapter{}`.

<Appendix C.1> This is subsection

<Appendix C.1.1> This is subsubsection

These are the format of the title of each appendix hierarchy. In the table of contents, you can see the section and subsection.



Figure C-1: Figure in appendix



논문요약

## 논문제목을 작성하시오 (16p)

제출자 성함(11p)

○○ (11p) 학과

성균관대학교

여기부터 논문요약을 한국어로 2page 이내(주제어 기재란 포함)로 작성하시기 바랍니다.

주제어: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_