The fduthesis Class LATEX Thesis Template for Fudan University

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2022/09/04 v0.8*



^{*}https://github.com/stone-zeng/fduthesis.

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1 Introduction

fduthesis is a thesis template for Fudan University. This template is mostly written in $\[Mathbb{E}X3\]$ syntax, and provides a simple interface for users.

Getting started with LATEX

About this documentation

In this documentation, different typefaces are used to represent different contents. Packages and classes are shown in sans-serif font, e.g. xeCJK package and fduthesis class. Commands and file names are shown in monospaced font, e.g. command \fdusetup, environment **abstract** and TEX document thesis.tex. Italic-shaped font with angle brackets outside means arguments, e.g. $\langle English \ title \rangle$. However, you do not need to type the brackets when using these commands. The example code has proper syntax highlighting so it will be much easier to read.

LAT_EX code lines will have a blue line on their left, while for command lines there will be a pink line. The options, commands and environments in fduthesis will be surrounded by two horizontal lines. Their usages and descriptions are provided at the same time.

The options, commands and environments in fduthesis can be divided into the following three types:

- Those can be only used in *Chinese templates* are indicated by .
- Those can be only used in *English templates* are indicated by **•**.
- If they do not have special characters afterwards, then you can use them in both Chinese and English templates.

2 Installation

2.1 Obtaining fduthesis

2.1.1 Standard installation

If there are no special reasons, it is always recommended to install fduthesis with a package manager. For example, the following command will install the package in T_EX Live (administrator permission may be required):

tlmgr install fduthesis

In T_EX Live and MiKT_EX, you can also install fduthesis through a graphical interface. It's rather simple and will not be described here.

2.1.2 Install manually

If you want to download the template from CTAN and install it manually, the recommended way is to use the TDS ZIP file:

- Download the TDS ZIP file for fduthesis;
- Copy all the files in fduthesis.tds.zip into the local TDS directory of T_EX distribution.
- Run mktexlsr to update the ls-R database.

2.1.3 Development version

On CTAN, only the stable version of fduthesis is provided, where new features and bug fixes may not be included in time. To use the latest development version on GitHub, you can use the install script:

• Open the project's homepage, click "Code" button and choose "Download ZIP" to download fduthesis-main.zip. If you have git program on your computer, you can also clone the repository directly:

git clone https://github.com/stone-zeng/fduthesis.git

• Run install-win.bat (on Windows) or install-linux.sh (on Linux), then all the necessary files will be found in the thesis folder.

2.1.4 Overleaf

fduthesis also provides the Overleaf version. You can follow the link and login to edit directly on the web.

2.2 Composition of the template

There are several parts in fduthesis, including kernel template classes, configuration files, affiliated packages and user's guides. More details are listed in table 1.

| Files | Descriptions | | |
|----------------------|---|--|--|
| fduthesis.cls | Document class for Chinese thesis. | | |
| fduthesis-en.cls | Document class for English thesis. | | |
| fduthesis.def | Configuration parameters file for fduthesis. Please do not modify it. | | |
| fdudoc.cls | Document class for user guides. | | |
| fdulogo.sty | Fudan University's visual identity. | | |
| fudan-emblem.pdf | University emblem. | | |
| fudan-emblem-new.pdf | University emblem (revised version). | | |
| fudan-name.pdf | Figure of university name. | | |
| README.md | The brief introduction. | | |
| fduthesis.pdf | User's guide in Chinese. | | |
| fduthesis-en.pdf | User's guide in English (this document). | | |
| fduthesis-code.pdf | Code implementation. | | |

Table 1The main components of fduthesis

3 User's guide

3.1 Getting started

Here is a minimal T_EX file for fduthesis:

```
% thesis.tex
\documentclass{fduthesis}
\begin{document}
    \chapter{欢迎}
    \section{Welcome to fduthesis!}
    你好, \LaTeX{}!
\end{document}
```

Compile this file under the instructions in subsection 3.2, you will get a 5-page article. Of course, most of it will be blank, as you may predicate.

The English version can be used in the same way:

```
% thesis-en.tex
\documentclass{fduthesis-en}
\begin{document}
  \chapter{Welcome}
  \section{Welcome to fduthesis!}
 Hello, \LaTeX{}!
\end{document}
```

The differences between English and Chinese version only live in the main body. Thesis cover, instructors list and declaration page are still printed in Chinese.

3.2 Compilation

fduthesis does NOT support pdfTrX. Please use XqLATrX or LuaLATrX to compile, and XqLATrX is recommended. To get the correct table of contents, footnotes and cross-references, you need to compile the source file at least twice.

In the following example, suppose your TEX source file is thesis.tex. Please execute the following commands if you want to use XFIATEX:

```
xelatex thesis
xelatex thesis
```

You can use latexmk as well:

latexmk -xelatex thesis

LuaLATEX can be used in a similar way:

```
lualatex thesis
lualatex thesis
```

or

latexmk -lualatex thesis

Options of the template 3.3

You can specify some *template options* when loading fduthesis:

\documentclass[<options>]{fduthesis} \documentclass[<options>]{fduthesis-en}

Some options are *boolean* – they only take the value true or false. For these options, you can abbreviate " $\langle option \rangle$ = true" simply to " $\langle option \rangle$ ".

type = doctor|master|bachelor

type

New: 2018-02-01 Choose the type of your thesis. The three options represent doctoral dissertation, master degree thesis and undergraduate thesis, respectively.

oneside

Specify whether single or double sided output should be generated. twoside will be chosen twoside by default. These option will determine where the new chapters begin and how the headers display. The option twoside does not tell the printer to actually make a two-sided printout.

If choosing twoside, chapters will begin at the odd pages (right hand). However, they will begin at arbitrary pages available when choosing oneside. Table of contents, abstract and the list of symbols are considered as chapters and processed in the same way.

At two-sided mode, left headers on the even pages (left hand) in *main body* will show the title of chapters, while the right headers on the odd pages (right hand) will show the title of sections. Headers in *front matter* have the same style, but they will only show the title as "Contents", "Abstract", etc.

At one-sided mode, both left and right headers on *all* pages in main body will be shown. The text is the title of chapters and sections, respectively. In front matter, there are only middle headers, which show the corresponding titles.

draft draft = true | false

Enable draft mode. Default off.

draft is a global option and will affect many packages. You may notice the following changes when using draft:

- Lines with overfull \hbox's will be marked with a thick black square on the right margin.
- Will not include graphics files actually, but instead print a box of the size the graphic would take up, as well as the file name.
- Will not make hyperlinks and PDF bookmarks.
- Show the page frames.

config config = {\langle file \rangle}

New: 2018-01-31 File name of user profile. Default value is empty, so no profile is loaded automatically.

3.4 More options

\fdusetup \fdusetup{ key-value list }

fduthesis has provided a number of options, which can be given via the general command \fdusetup.

The argument of $\langle key \rangle = \langle value \rangle$ and in some cases $\langle value \rangle$ can be omitted. For the same option, the values given later will override the the previous ones. Default values are indicated in **boldface** in the following descriptions.

\fdusetup follows LATEX3 key-value style, and different types as well as various levels options are supported. In the key-value list, spaces around "=" will be trimmed; however, blank lines should never appear in the argument.

Similar with template options, " $\langle option \rangle$ = true" can be abbreviated to $\langle option \rangle$ for boolean type.

Some options, such as style and info, may have sub-options. They can be set by the following two equivalent methods:

```
\fdusetup{
  style = {cjk-font = adobe, font-size = -4},
  info = {
    title = {论动体的电动力学},
    title* = {On the Electrodynamics of Moving Bodies},
    author = {阿尔伯特·爱因斯坦},
    author* = {Albert Einstein},
    department = {物理学系}
  }
}
```

```
\fdusetup{
  style/cjk-font = adobe,
  style/font-size = -4,
  info/title = {论动体的电动力学},
  info/title* = {On the Electrodynamics of Moving Bodies},
  info/author = {阿尔伯特•爱因斯坦},
  info/author* = {Albert Einstein},
  info/department = {物理学系}
}
```

Note that you may not put spaces around "/".

3.4.1 Style and format

stylestyle = {<key-value list>}style/<key> = <value>

This general option is for setting the thesis style and format. See the following details.

| style/font | font | = | garam | nond | lik | pertinus . | 1m pa | alatin | o t | imes t | imes* | none | | |
|------------|------|---|-------|------|-----|------------|-------|--------|-----|--------|-------|------|--|--|
| | - | ~ | | | | •. | | | | | | | | |

Updated: 2019-03-05 Set fonts (including math fonts). The details can be found in table 2.

| | Roman | Sans-serif | Monospaced | Math |
|---------------------|-------------------------|-----------------|----------------------|-----------------|
| garamond | EB Garamond | Libertinus Sans | LM Mono ^a | Garamond Math |
| libertinus | Libertinus Serif | Libertinus Sans | LM Mono | Libertinus Math |
| lm | LM Roman | LM Sans | LM Mono | LM Math |
| palatino | TG Pagella ^b | Libertinus Sans | LM Mono | TG Pagella Math |
| times | XITS | TG Heros | TG Cursor | XITS Math |
| times* ^c | Times New Roman | Arial | Courier New | XITS Math |

Table 2Font configuration

a "LM" is the abbreviation of Latin Modern.

b "TG" is the abbreviation of TeX Gyre.

c Here, Times New Roman, Arial and Courier New are commercial fonts. They are installed on Windows and macOS by default.

style/cjk-font 💿 cjk-font = adobe|fandol|founder|mac|sinotype|sourcehan|windows|none

Updated: 2019-03-05 Set CJK (Chinese, Japanese and Korean) fonts. The details can be found in table 3.

Table 3CJK font configuration

| | Roman (song) | Sans-serif (hei) | Monospaced (fang) |
|-----------|---------------------|--------------------|--------------------|
| adobe | Adobe Song Std | Adobe Heiti Std | Adobe Fangsong Std |
| fandol | FandolSong | FandolHei | FandolFang |
| founder | FZShuSong-Z01 | FZHei-B01 | FZFangSong-Z02 |
| mac | Songti SC | Heiti SC | STFangsong |
| sinotype | STSong | STHeiti | STFangsong |
| sourcehan | Source Han Serif SC | Source Han Sans SC | — |
| windows | SimSun | SimHei | FangSong |

When you choose font=none or cjk-font=none, fduthesis will disable the default western/CJK font settings. You may use \setmainfont, \setCJKmainfont and \setmathfont, etc. to configure the fonts manually.

font-size = -4|5style/font-size Specify the basic font size in your thesis. fullwidth-stop = catcode | mapping | false style/fullwidth-stop Let full-width full stop ". " as the default full stop. Generally, this punctuation is used for Updated: 2017-10-14 scientific articles, where \circ_{o} is easily to be confused with subscript \circ_{o} or \circ_{o} . If you choose fullwidth-stop=catcode, only explicit "o " will be replaced by ". "; when choosing fullwidth-stop=mapping, however, *all* the "°" will be replaced. mapping is valid only under XATEX. When compiling with LuaTEX, it is equivalent to catcode. If you want to display "°," temporarily after setting fullwidth-stop=mapping, the following code snippet will be helpful: % Compiled with XeTeX % The outside braces is used for group 这是一个句号{\CJKfontspec{{font name}}[Mapping=full-stop]。} footnote-style = plain style/footnote-style libertinus | libertinus* | libertinus-sans | pifont|pifont*|pifont-sans|pifont-sans*| xits|xits-sans|xits-sans*

Set the style of footnote numbers. Note that western fonts will affect its default value (see table 4), so you may put it after font option. The one with sans is for the corresponding sansserif version, while * for white on black version.

Table 4 Relationship between option font and the default value of footnote-style

| Western fonts settings | libertinus | lm | palatino | times |
|--|------------|--------|----------|-------|
| Default value of footnote number style | libertinus | pifont | pifont | xits |

hyperlink = border|color|none style/hyperlink

New: 2017-08-13 Set the style of hyperlinks. border draws borders around hyperlinks; color displays hyperlinks in colorful text; none leads to plain text, which is useful when printing the final document.

hyperlink-color = default|classic|material|graylevel|prl style/hyperlink-color

New: 2017-08-13 Set the color of hyperlinks. It is invalid if hyperlink = none. The related colors can be found in Updated: 2021-12-27 table 5.

bib-backend = bibtex|biblatex style/bib-backend

New: 2018-01-25 Specify the backend or driver of bibliography processing. BETFX and natbib package will be used if you choose bibtex, while biber and biblatex will be used if you choose biblatex.

bib-style = author-year | numerical | (other style) style/bib-style

New: 2017-10-28 Set the style of bibliography. author-year and numerical will follow the standard GB/T 7714-Updated: 2018-01-25 2015. By setting bib-style = (other style), you can use other bibliography style (.bst file for bib-backend=bibtex and .bbx file for bib-backend=biblatex). Suffix is not needed.

| Options | Cross references | URL | Citation |
|------------------------|--------------------------------------|-------------|------------------------|
| default | Fig. 1-2, Eq. (3.4) | http://g.cn | Ref. [1], (Knuth 1986) |
| classic | Fig. 1-2 , Eq. (3.4) | http://g.cn | Ref. [1], (Knuth 1986) |
| material ^a | Fig. 1-2, Eq. (3.4) | http://g.cn | Ref. [1], (Knuth 1986) |
| graylevel ^a | Fig. 1-2, Eq. (3.4) | http://g.cn | Ref. [1], (Knuth 1986) |
| prl ^b | Fig. 1-2, Eq. (3.4) | http://g.cn | Ref. [1], (Knuth 1986) |

a Material Design color palette (See https://material.io/guidelines/style/color.html). b Physical Review Letter magazine.

cite-style = {(style)} style/cite-style

Select citation style. Default value is empty, which means the citation style will follow your New: 2018-01-25 bibliography style (author-year or numeric). If you want change the citation style, the corresponding .cbx file must be available. This option is invalid when bib-backend=bibtex.

bib-resource = { $\langle bib file(s) \rangle$ } style/bib-resource

New: 2018-01-25

Specify the bibliography database (usually in .bib format). If using more than one files, the file names should be separated with comma. When bib-backend=biblatex, you must type in the ".bib" suffix.

logo = {\langle file \rangle} style/logo

New: 2017-08-10 File name of the logo in thesis cover. Default value is fudan-name.pdf.

logo-size = {<width>} style/logo-size $logo-size = \{\langle width \rangle, \langle height \rangle\}$

New: 2017-08-10

Size of the logo. By default, only width is set to 0.5\textwidth. To set height only, you can put an empty group "{}" at $\langle width \rangle$.

auto-make-cover = true | false style/auto-make-cover

> New: 2017-07-06 Whether generate thesis cover, list of instructors (inside front cover) and declaration page (inside back cover) automatically. Entries in the cover can be specified also via \fdusetup, and you can find more details in subsubsection 3.4.2.

declaration-page = { $\langle file \rangle$ } style/declaration-page

New: 2021-09-21

Insert the scanned declaration page PDF file. If empty (default), then the pre-defined declaration page will be inserted.

For generating thesis cover, list of instructors and declaration page manually. These commands \makecoveri cannot guarantee the correct page numbers, hence you should always use the auto-generated \makecoverii \makecoveriii thesis cover unless necessary.

Personal information 3.4.2

info = { key-value list } info $info/\langle key \rangle = \langle value \rangle$

> This general option is for entering your personal information. See the following details. Note that options with "*" are the corresponding English items.

| info/degree | degree = academic professional |
|--|---|
| New: 2018-02-01 Updated: 2019-03-12 | Degree type. This option can only be used in master degree thesis. |
| info/title info/title* | <pre>title = {\langle title in Chinese\} title* = {\langle title in English\}</pre> |
| | Title of your thesis. The line width is about 30 em by default, but you may break it with $\backslash\backslash$ manually. |
| info/author info/author* | <pre>author = {(name in Chinese)} author* = {(name in English (or Pinyin))}</pre> |
| | Author's name. |
| info/supervisor | <pre>supervisor = {(name)}</pre> |
| | Supervisor's name. |
| info/department | department = {(name)} |
| | Name of the department. |
| info/major | <pre>major = {(name)}</pre> |
| | Name of the major. |
| | |
| info/student-id | Author's student ID. |
| | In Fudan University, student ID has 11 digits. The first two are the year of attendance; next one represents the student's type (1 for doctor, 2 for master and 3 for bachelor); the following five digits are major ID while the last three are serial number. |
| info/school-id | <pre>school-id = {\number>}</pre> |
| | School ID. Default value is 10246 (school ID of Fudan University). |
| info/date | <pre>date = {\date\}</pre> |
| | Finish date of your thesis. Default value is the compilation date (\today). |
| info/secret-level | secret-level = none i ii iii |
| New: 2017-07-04 | Secret level. i, ii and iii means "秘密" (secret), "机密" (confidential) and "绝密" (top secret) respectively. none means your thesis is not secret-related and secret level and year will not be |
| | shown. |
| info/secret-year | |
| New: 2017-07-04 | Secret year. It's recommended to use Chinese word as "五年" (5 years) here. This option is invalid if you have set secret-level=none. |
| info/instructors | instructors = { $\langle member 1, member 2, \rangle$ } |
| | Instructors' name. Each name should be separated with comma. To disambiguate, you may put text containing comma into a group " $\{\dots\}$ ". |
| info/keywords info/keywords* | <pre>keywords = {\keywords in Chinese\} keywords* = {\keywords in English\}</pre> |

Keywords list. Each keyword should be separated with comma. To disambiguate, you may put text containing comma into a group " $\{\dots\}$ ".

info/clc clc = {(classification codes)}

Chinese Library Classification (CLC).

info/jel jel = {(classification codes)}

New: 2021-09-16 Journal of Economic Literature (JEL) Classification Code. It's only mandatory for some departments. When specified, CLC code in the English abstract will be replaced by it.

3.5 Writing your thesis

3.5.1 Front matter

\frontmatter Declare the beginning of front matter.

Front matter contains table of contents, abstracts and notation list. The page numbers in front matter will be shown in lowercase Roman numerals, and will be counted separately with main matter.

 Image: Number of Contents (TOC)
 You need to compile the source file at least twice to get the correct TOC. If your thesis contains many figures or tables, you may also use \listoffigures or \listoffigures or \listoffigures to generate a list of them.

```
      abstract
      % fduthesis (Chinese thesis)
      % fduthesis-en (English thesis)

      \begin{abstract}
      \begin{abstract}

      \Chinese abstract>
      <English abstract>

      \end{abstract}
      \end{abstract}

      tragt*
      % Only for fduthesis
```

abstract* © % Only for fduthe <u>begin</u>{abstract*}

{English abstract>
 \end{abstract*}

Abstract environment. In fduthesis, **abstract** and **abstract*** are used for Chinese and English abstract, respectively; while in fduthesis-en, there is no **abstract*** environment and you need to write the English abstract merely.

At the end of abstract (both Chinese and English, if available), keywords list and CLC or JEL code will be shown. They can be specified via command \fdusetup and you may refer to subsubsection 3.4.2 for more details.

Notation list (or symbol list, nomenclature) environment. The optional argument $\langle column format \rangle$ is the same as in a standard $\mathbb{E}T_{EX}$ table. The default value is "lp{7.5cm}", which means auto-width for the first column and fix-width (7.5 cm) for the second; both columns will be left-aligned.

3.5.2 Main matter

\mainmatter Declare the beginning of main matter.

As the name suggests, "main matter" is the main body of your thesis. When working on a big projects, it's usually a good idea to split the source file into several parts. The page numbers in main matter are shown in arabic numerals.

\footnote \footnote{\text}

Updated: 2018-01-15

Insert a footnote. The style of footnote numbers can be set with option style/footnotestyle. See subsubsection 3.4.1 for more details.

\caption \caption \ caption \ caption \ caption [(short caption)] { (long caption) }

Insert the caption of figure or table. The optional argument \langle short caption \rangle will be shown in the list of figures/tables. In \langle long caption \rangle , you can write descriptions for several paragraphs, but \langle short caption \rangle and the single \langle caption \rangle will not allow multi-paragraph text (i.e. text containing par) inside.

By convention, caption of a table is usually put *before* the table itself, while for figure it's the opposite. In addition, command \caption must be put inside float environments (e.g. table and figure).

Citations

\cite \cite{\dib key\} \cite[\cite[\cite[\cite]{\dib key\}

Insert citations. The optional argument $\langle page number \rangle$ can be used to indicate the page number of the citation. The citation style varies among different bibliography styles. More commands are also provided to mark the citations, which can be found in table 6 (numerical style) and 7 (author-year style).

| Styles | Results | bib-backend=bibtex | bib-backend=biblatex |
|----------------------|-------------------------------|-------------------------------------|-----------------------------|
| Single | Text ^[1] | \cite{texbook} | Same as left |
| Multiple | Text ^[1-2] | <pre>\cite{texbook,companion}</pre> | Same as left |
| With page | Text ^{[1]126-137} | \cite[126137]{texbook} | Same as left |
| With author | Knuth ^[1] states | \citet{texbook} | \authornumcite{texbook} |
| With page and author | Knuth ^{[1]42} states | \citet[42]{texbook} | \authornumcite[42]{texbook} |
| No superscript | Text [1] | \parencite{texbook} | Same as left |

Table 7Citations in author-year style

Table 6Citations in numerical style

| Styles | Results | bib-backend=bibtex | bib-backend=biblatex |
|----------------------|--|--------------------------------------|--------------------------|
| Single | (Knuth, 1986) | \citep{texbook} | \cite{texbook} |
| Multiple | (Knuth, 1986; Mittelbach et al., 2004) | <pre>\citep{texbook,companion}</pre> | \cite{texbook,companion} |
| With page | (Knuth, 1986) ^{126–137} | \citep[126137]{texbook} | \cite[126137]{texbook} |
| With author | Knuth (1986) | \citet{texbook} | Same as left |
| With page and author | Knuth (1986) ⁴² | \citet[42]{texbook} | Same as left |

Theorem-like environments

 axiom
 \begin{proof}[(subheading)]

 corollary
 \procedure of proof \

 definition
 \end{proof}

 example
 A series of pre-defined math environments.

 proof
 theorem

12

A QED¹ symbol " \blacksquare " will be added at the end of **proof** environment. You need to compile the source file *twice* as in subsection 3.2 in order to make the position of QED symbol correct.

 \newtheorem
 \newtheorem[(options>)]{environment>}{<title>}

 Updated: 2017-12-12
 \newtheorem*[(options>)]{environment>}{<title>}

 \begin{contents>

 \centert
 \centert

 \centert
 \cen

Declare new math environments (theorems). If you use \newtheorem*, then the theorem will not be numbered, and a QED symbol "■" will be added at the end of the environment. All the theorem environments defined by yourself can be used as the pre-defined ones.

Actually, the pre-defined math environments are just defined with \newtheorem and \new-theorem*:

\newtheorem*{proof}{proof}
\newtheorem{axiom}{axiom}
\newtheorem{corollary}{corollary}
....

Similar with fdusetup, the optional argument (options) of newtheorem is a key-value list as well. The available are described below. Note that you don't need to type in the "theorem/" prefix.

```
theorem/style style = plain|margin|change|
break|marginbreak|changebreak
```

The overall style of the theorem environment.

theorem/header-font header-font = {(font)}

Font of the theorem header. Default value is \sffamily and \bfseries\upshape for Chinese and English template, respectively.

theorem/body-font body-font = {(font)}

Font of the theorem body. Default value is \fdu@kai (楷体) and \itshape for Chinese and English template, respectively.

theorem/ged qed = {(symbol)}

Theorem end mark. For \newtheorem, default value is empty; for $newtheorem^*$, default value is $newtheorem^*$.

theorem/counter counter = {(counter)}

The theorem will be enumerated within $\langle counter \rangle$. For example, the default value is chapter, which means with each new \chapter, the enumeration begins again with 1. This option is invalid for \newtheorem^{*}.

3.5.3 Back matter

\backmatter Declare the beginning of back matter.

Back matter contains bibliography, declaration page, etc.

\printbibliography \printbibliography[{options}]

Updated: 2018-01-25

Print the bibliography. When bib-backend=bibtex, then (options) is invalid and this command is equivalent to \bibliography {(bib files)}, where (bib files) should be specified with option style/bib-resource (see subsubsection 3.4.1). When bib-backend=bibtex, then \printbibliography is provided by biblatex and the available options can be found in its documentation.

¹ Abbreviation of Latin phrase quod erat demonstrandum, means "what was to be demonstrated".

4 Packages dependencies

Different compilation methods and options will result in a different packages dependency. Details are as follows:

- In any case, fduthesis will load the following packages *explicitly*:
 - xtemplate and l3keys2e, belong to l3packages bundle
 - ctexbook, belongs to CTEX bundle
 - amsmath, belongs to $\mathcal{A}_{\mathcal{M}}\mathcal{S}\text{-}\mathbb{A}T_{E}\!X$ bundle
 - unicode-math
 - geometry
 - fancyhdr
 - footmisc
 - ntheorem
 - graphicx
 - longtable
 - caption
 - xcolor
 - hyperref
- When chosen style/footnote-style=pifont, package pifont will be loaded. It belongs to psnfss bundle.
- When chosen style/bib-backend=bibtex, package natbib will be loaded. Meanwhile, program BIBT_EX will be required for compilation. The bibliography style is provided by gbt7714.
- When chosen style/bib-backend=biblatex, package biblatex will be loaded. Program biber will be required then. The bibliography style is provided by biblatex-gb7714-2015.

Only the packages loaded directly by fduthesis are listed here. If you need to know the dependencies of the packages themselves, please refer to the corresponding manuals.