

The `mluthsis` class*

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Abstract

This document class is for all graduate and undergraduate students at Martin-Luther-University Halle-Wittenberg who want to typeset their theses using L^AT_EX. Based on the class `scrreprt`, it provides a bundle of predefined commands as well as predefined colors.

1 Getting Started

The LaTeX class `mluthsis` comes in two files:

- `mluthsis.ins`
- `mluthsis.dtx`

In order to create the files you need in order to use the new class, open a terminal, navigate to the directory where `mluthsis.ins` and `mluthsis.dtx` are located and run the following set of commands:

1. `latex mluthsis.ins`
2. `pdflatex mluthsis.dtx`
3. `makeindex -s gind.ist -o mluthsis.ind mluthsis.idx`
4. `makeindex -s gglo.ist -o mluthsis.gls mluthsis.glo`
5. `pdflatex mluthsis.dtx`
6. `pdflatex mluthsis.dtx`

Doing so will fill your directory with a lot of files. You will need the following:

`mluthsis.pdf`

This file is the class' documentation and contains all the information there is concerning the `mluthsis` class. An already compiled copy of this file should be in the original folder where you found `mluthsis.ins` and `mluthsis.dtx`.

*This document corresponds to `mluthsis` v0.1, dated 2013/06/13.

mluthsis.cls

This file is the class file which you will need to use the `mluthsis` class.

Now you have all you need. To typeset your own document with the `mluthsis` class, simply copy your `mluthsis.cls` file into the folder of your actual \LaTeX -Project or - if you don't want to copy it every time you create a \LaTeX -document using this class - simply put it into a directory that is searched by \LaTeX at run.

2 Usage










This class is based on the `scrreprt` class belonging to the KOMA-Script package by Markus Kohm *et al.*; reading its extensive documentation is strongly recommended.

2.1 MLU Color Profile

At Martin-Luther-University Halle-Wittenberg, every faculty has its own assigned color which is used to maintain a corporate design in letterheads, business cards, web pages, et cetera. There exists a brochure on the corporate design of Martin-Luther-University Halle-Wittenberg published by the rectorate in 1998¹, though the color definition in this document are neither complete nor up to date. Therefore, the colors in this `mluthsis` class are derived from the `.css` style files of the university's web pages.

The color definitions provided by the `mluthsis` class can be reviewed in table 1.

TABLE 1 – This table shows the colors provided by the `mluthsis` class with their names under which the colors can be addressed, a color preview, their respective hexadecimal HTML color code and the part of the organizational structure of the Martin-Luther-University Halle-Wittenberg the color represents.

Color Name		HTML Hex	Representing
MLUuniversity		#005133	University
MLUlightgreen		#9bc34b	None (light green from university's web page)
MLUtheology		#000000	Faculty of Theology
MLUlaweconomy		#aa263c	Faculty of Law, Economics and Business
MLUmedicine		#bb2b16	Faculty of Medicine
MLUphilosophy		#993c8c	Faculty of Philosophy I, II, III
MLUbiochemphy		#2d7aab	Faculty of Natural Sciences I, II
MLUagrogeoinf		#368429	Faculty of Natural Sciences III
MLUenginscienc		#627b86	Center of Engineering Sciences

¹http://edoc.bibliothek.uni-halle.de/servlets/MCRFileNodeServlet/HALCoRe_derivate_00000010/unicd4.pdf;jsessionid=b459qeml216?hosts=

2.2 New Commands

The standard for typesetting taxa in life sciences is to set them in italic letters. By using the command

```
\taxon{\textit{text}}
```

you can take account of that standard.

3 Implementation

```
\taxon Use \taxon{\textit{text}} for typesetting taxa.  
1 \newcommand{\taxon}[1]{\textit{#1}}
```

Change History

```
v0.1  
  General: Initial version . . . . . 1
```

Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

```
      T  
\taxon . . . . . 1
```