

The rub-kunstgeschichte class*

© Joran Schneyer†

joran.schneyer@ruhr-uni-bochum.de

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1 Introduction

This L^AT_EX class aims to implement the guidelines on scientific writing of the art history institute (Kunstgeschichtliches Institut - short: KGI) at Ruhr University Bochum.¹

Note, that at this point this is not an official class made by anyone at the institute but rather a free-time hobby project of me, Joran, who knows L^AT_EX from studying Electrical Engineering and just wants to help out some friends studying art history.

You can find the latest releases and the development of this project at GitHub:
<https://github.com/rub-kgi/rub-kunstgeschichte-latex>

2 Usage

To use this class, simply specify it as the document class.²

```
\documentclass{rub-kunstgeschichte}
```

*This document corresponds to rub-kunstgeschichte v0.1.0, dated 2024-05-26.

†Released under the LaTeX Project Public License v1.3c or later.

See <https://www.latex-project.org/lppl.txt>

¹Guidelines version July 2023 https://kgi.ruhr-uni-bochum.de/wp-content/uploads/2023/04/Anleitung-zum-Erstellen-von-Hausarbeiten-im-Fach-Kunstgeschichte_Fassung-Juli-2023.pdf

²You can also find a complete example usage of this class in [Appendix B](#).

A Implementation

A.1 Base class

The `rub-kunstgeschichte` class is based on the `article` class. When loading the class we specify `12pt` as the base font size, as required by the guidelines.

```
1 \LoadClass[12pt]{article}
```

A.2 Loading packages

Line spacing To achieve 1.5 times line spacing as required by the guidelines, we simply load the package `setspace` with the `onehalfspacing` option.

```
2 \RequirePackage[onehalfspacing]{setspace}
```

Margins The guidelines require 2cm top, left and bottom margins as well as a 4cm correction margin on the right side. Furthermore A4 paper is the standard page size here.

```
3 \RequirePackage[
4   a4paper,
5   top=2cm,left=2cm,bottom=2cm,right=4cm
6 ]{geometry}
```

B Example

To further exemplify the use of this class, we create an example `.tex` file. The full `rub-kunstgeschichte-example.tex` and the corresponding `rub-kunstgeschichte-example.pdf` are available on GitHub.³

Let's examine the contents of this example `.tex` file step by step to highlight features of this class that were used.

First, the `rub-kunstgeschichte` class is loaded

```
7 \documentclass{rub-kunstgeschichte}
```

and then the information needed to typeset a title is given:

```
8 \title{Example usage of the \textsf{rub-kunstgeschichte} class}
9 \author{Joran Schneyer}
```

Naturally, we begin the document environment and typeset the title

```
10 \begin{document}
11   \maketitle
```

Next we need some text to show some features. The text in the example itself will explain the features used.

```
12   Here is some text.
13   Note, how the typeset text has 12pt font size as specified
14   and there is a 1.5 times line-spacing present.
```

Finally we end the document environment

```
15 \end{document}
```

³<https://github.com/rub-kgi/rub-kunstgeschichte-latex/releases>

Change History

v0.1.0

General: Initial version 1

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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.

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