An official frontpage for your master's thesis

A guide to the LaTeX package *duomasterforside*

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ALL MASTER STUDENTS must complete a thesis at the end of their study programme. There are very few formal typographical requirements for these theses, but the *Faculty for mathematics and natural sciences* ("MatNat" for short) has a particular one: The front page must be according to a specific layout. A LaTeX package named duomasterforside ("DUO[1] master front page") implements the MatNat design.

1 Using the front page package

To access the LaTeX package, you must specify it:

    \usepackage[*options*]{duomasterforside}

The options are used to specify the language (but normally you would rather specify the language by giving the option to \documentclass instead):

american indicates *American English*.

english indicates *British English*.

norsk indicates *Norwegian Bokmål*.

nynorsk indicates *Norwegian Nynorsk*.

UKenglish indicates *British English*.

USenglish indicates *American English*.

1.1 Making a front page

To produce the actual front pages, you use the command \duoforside:

    \duoforside[*options*]

For example, the LaTeX shown in Figure produces the front page shown in Figure (and three other pages not shown here).

The \duoforside command accepts the following options:

author={*Xxx Yyy*} gives the author's name, in case you want to override the name(s) specified in the \author command. If there are several authors, they may be given here, separated by an \and command.

date={*xxx*} is used if you are not satisfied with the automatically generated date.

dept={*xxx*} specifies the department in charge of the study programme. If more that one department is involved, they may all be given here, with an \and command between them.

fac={*xxx*} names the faculty (if other than MatNat).

image={xxx} indicates an image to place on the third front page; for an example, see Figure .

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[1]DUO is the University of Oslo's repository for digital documents, including all master's theses. DUO has published a Word document base for such theses, and the MatNat specification is based on the design suggested there.

long indicates that the thesis is a long one (60 sp); this is the default.

nosp will omit the number of "studiepoeng" (credit points) altogether.

option={xxx} is required when you need to specify a particular option ("studieretning") of the study programme.

printer={xxx} is only useful when the thesis was *not* printed by *Reprosentralen*.

program={xxx} names the study programme you attended. Make sure you give it in the correct language.

short indicates the the thesis is a short one (30 sp). (If you need something other than 30 sp or 60 sp, you may specify this as "short=45".)

subtitle={xxx} gives the document's subtitle, and may be used as an alternative to the \subtitle command.

title={xxx} gives the document's title in case you want to override the one given in the \title command.

2   Installation

The duoforside package should be installed on most of the Linux computers at the University. If it is not available on your computer, or if you want to use it on your portable computer, you should do the following:

1. Download the file https://www.mn.uio.no/ifi/tjenester/it/hjelp/latex/duoforside.zip.

2. Unzip the files and place them in the same folder as your LaTeX files.[2]

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[2] If you are an experienced LaTeX user, you may place the files in the TDS structure and rebuild the database.

```
\documentclass[a4paper,norsk]{report}
\usepackage[utf8]{inputenc}
\usepackage{babel,duomasterforside}

\title{Masteroppgaven min}
\subtitle{Et resultat av to års arbeid}
\author{Navnet mitt}

\begin{document}
\duoforside[dept={Institutt for informatikk},
  program={Informatikk: språkteknologi},
  long]
\end{document}
```
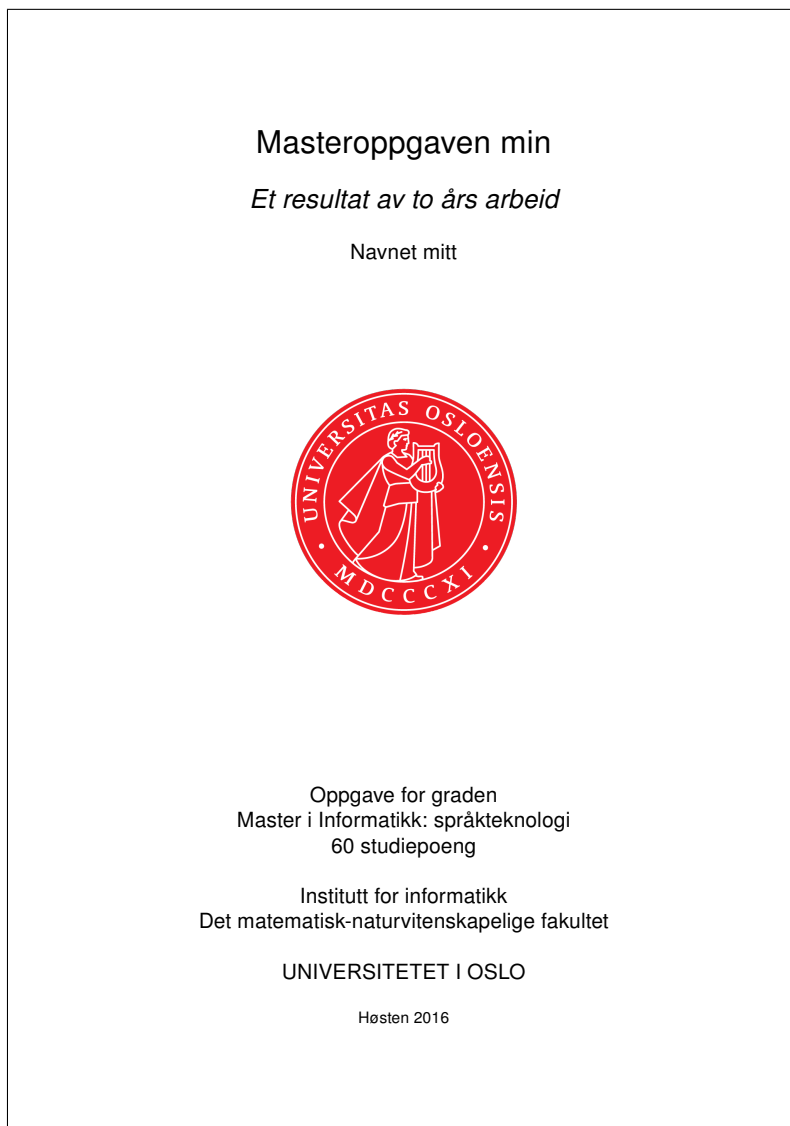
Figure 1: LATEX source for a simple frontpage

Figure 2: Frontpage produced by the LATEX code in Figure 1

```
\documentclass[a4paper,UKenglish]{report}
\usepackage[utf8]{inputenc}
\usepackage{babel,duomasterforside}

\title{My master's thesis}
\subtitle{A contribution to the world's collected knowledge on this topic}
\author{My Name\and My Collaborator}

\begin{document}
\duoforside[program={Computational Chemistry},
  dept={Department of Informatics\and Department of Chemistry},
  option={Difficult Computations},
  image={Oslo_University.jpg},
  printer={X-press printing house},
  short]
\end{document}
```

Figure 3: LaTeX source for a more complex frontpage

My master's thesis

*A contribution to the world's collected
knowledge on this topic*

My Name
My Collaborator

Thesis submitted for the degree of
Master in Computational Chemistry
(Difficult Computations)
30 credits

Department of Informatics
Department of Chemistry
Faculty of mathematics and natural sciences

UNIVERSITY OF OSLO

Autumn 2021

My master's thesis

*A contribution to the world's collected
knowledge on this topic*

My Name
My Collaborator

Figure 4: Frontpages produced by LaTeX code in Figure