

# An official frontpage for your master thesis

*A guide to the  $\text{\LaTeX}$  package*  
***duomasterforside***

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**A**LL 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  $\text{\LaTeX}$  package named `duomasterforside` (“DUO<sup>1</sup> master front page”) implements the MatNat design.

## 1 Using the front page package

To access the  $\text{\LaTeX}$  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  $\text{\LaTeX}$  shown in Figure 1 on page 3 produces the front page shown in Figure 2 on page 3 (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 than 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 4 on page 5.

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<sup>1</sup>DUO is the University of Oslo’s repository for digital documents, including all master 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.

**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 <http://dag.at.ifi.uio.no/public/download/duoforside.zip>.
2. Unzip the files and place them in the same folder as your  $\LaTeX$  files.<sup>2</sup>

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<sup>2</sup>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:  $\text{\LaTeX}$  source for a simple frontpage

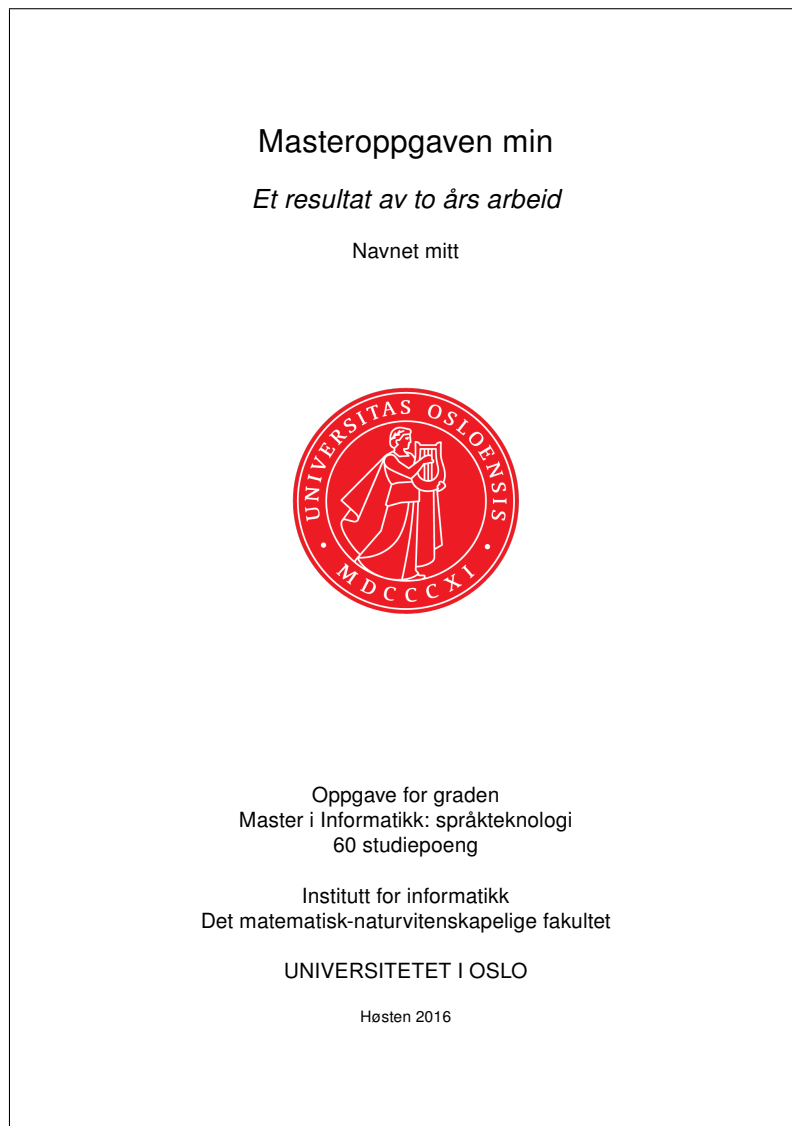


Figure 2: Frontpage produced by the  $\text{\LaTeX}$  code in Figure 1

```

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

\title{My master 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: L<sup>A</sup>T<sub>E</sub>X source for a more complex frontpage

<p>My master thesis</p> <p><i>A contribution to the world's collected knowledge on this topic</i></p> <p>My Name My Collaborator</p>  <p>Thesis submitted for the degree of Master in Computational Chemistry (Difficult Computations) 30 credits</p> <p>Department of Informatics Department of Chemistry Faculty of mathematics and natural sciences</p> <p>UNIVERSITY OF OSLO</p> <p>Autumn 2016</p>	
<p>My master thesis</p> <p><i>A contribution to the world's collected knowledge on this topic</i></p> <p>My Name My Collaborator</p> 	<p>© 2016 My Name, My Collaborator</p> <p>My master thesis</p> <p><a href="http://www.duo.uio.no/">http://www.duo.uio.no/</a></p> <p>Printed: X-press printing house</p>

Figure 4: Frontpages produced by  $\text{\LaTeX}$  code in Figure 3 on the preceding page