

# unitn-bimrep

A LaTeX class for the Bimonthly report for the University of Trento. The class formats the document in order to obtain the typical aspect required by the bimonthly report.

## Installation

If you want to use it for now, you have to put `unitn-bimrep.cls` and `unitn-bimrep.jpg` in the same directory of your main LaTeX file.

## Instructions

There are some very simple step to complete a document:

1. Use `unitn-bimrep` as your `\documentclass`
2. In the preamble:
  - Define the `\author` (your name)
  - Define the `\advisor` (name of your advisor, or comma separated list of advisors)
  - Define the `\title` (the title of your thesis)
  - Define the `\cycle` (your school cycle)
3. In your document (exactly in this order):
  1. Insert the `research` (or `research*`) environment
  2. Insert the `school` (or `school*`) environment
  3. Insert the `production` (or `production*`) environment

If one of the above element is missing, the class will raise an error.

## Environments

### Research

The `research` enviroment should contain a sequence of `\item` that describe your work. Inside the environment you can use directly the `\item` macro, that is interpreted as in a `itemize`. The environment can also be empty.

If you prefer to write a small paragraph, you should use the `research*` environment instead.

`research` (or in alterntive `research*`) can be used **only once**.

## School

The `school` environment should contain a sequence of `\item` that describe the courses you have attended. Inside the environment you can use directly the `\item` macro, that it is slightly different with respect to the standard one. This `\item` can take upto 3 arguments:

```
\item
  {Title of the course}
  {Teacher or Organization}
  {Duration in hours or ECTS credit}
```

If you prefer to write a small paragraph, you should use the `school*` environment instead.

`school` (or in alternative `school*`) can be used **only once**, after the `research` environment.

## Production

The `production` environment should contain a sequence of `\item` that describe the course you have attended. Inside the environment you can use directly the `\item` macro, that it is slightly different with respect to the standard one. This `\item` can take upto 3 arguments:

```
\item
  {List of Authors}
  {Title of the publication}
  {More information about the paper}
```

If you prefer to write a small paragraph, you should use the `production*` environment instead. This opens to the usage of more advanced function, such as list of publication generated by `bibtex`.

`production` (or in alternative `production*`) can be used **only once**, after the `research` and `school` environments.

## Examples

### Normal Mode

The code:

```
\documentclass{unitn-bimrep}

\author{Student Name Surname}
\title{An awesome thesis for a PhD student}
\advisor{Advisor Name Surname}
\cycle{XXX}
```

```

\begin{document}

\begin{research*}
  For my ctivities I usually prefer to write a small
  paragraph. Since I used the \texttt{research*}
  environment, I cannot use the \texttt{research}
  after.
\end{research*}

\begin{school}
  \item{Interesting course}{A. Einstein}{20h}
\end{school}

\begin{production}
  \item
    {Student Name Surname, Advisor Name Surname}
    {An awesome publication}
    {Awesome journal (in review)}
\end{production}

\end{document}

```

produces:

### With Biblalex

Only biblalex is supported. The code:

```

\documentclass[bib]{unitn-bimrep}

\addbibresource{ref.bib} % Define here the bibliography file to use

\author{Student Name Surname}
\title{An awesome thesis for a PhD student}
\advisor{Advisor Name Surname}
\cycle{XXX}

\begin{document}

\begin{research}
  \item I have done this
  \item I have done that
  \item I have also done other
  \item I still working on other

```



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Department of Industrial Engineering

DOCTORAL SCHOOL IN MATERIALS,  
MECHATRONICS AND SYSTEMS ENGINEERING

BIMONTHLY REPORT. *Send to: [di.phd@unitn.it](mailto:di.phd@unitn.it)*

DEADLINES: 22.02, 22.04, 22.06, 22.08, 22.10, 20.12 (every year)

Student Name: <b>Student Name Surname</b>	Cycle/Year: <b>XXX</b>
Thesis: <b>An awesome thesis for a PhD student</b>	Date: <b>October 22, 2017</b>
Supervisor: <b>Advisor Name Surname</b>	

<p><b>Summary of Research Activity:</b> For my ctivities I usually prefer to write a small paragraph. Since I used the <code>research</code> environment, I cannot use the <code>research</code> after.</p> <hr/> <p><b>Attendance at Schools/Classes/Seminars</b> (title, length (day/hours), credits):</p> <ul style="list-style-type: none"><li>• <i>Interesting course, A. Einstein (20h)</i></li></ul> <hr/> <p><b>Publications/Congress participation:</b></p> <ul style="list-style-type: none"><li>• Student Name Surname, Advisor Name Surname: <i>An awesome publication</i> <i>Awesome journal (in review)</i></li></ul>
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Figure 1: example

```
\end{research}

\begin{school}
  \item{Interesting course}{A. Einstein}{20h}
\end{school}

\begin{production*}
  \nocite{ref:1,ref:2} % Import the citations with \nocite
  \printbibliography % and print the bibliography.
\end{production*}

\end{document}
```

produces:

## License

See LICENSE.md file in repository, but in general the class is under a **MIT License**, while The University of Trento owns the property for the file `unitn-bimrep.jpg`, that can be used only for the compilation of bimonthly reports.



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<p><b>Summary of Research Activity:</b></p> <ul style="list-style-type: none"><li>• I have done this</li><li>• I have done that</li><li>• I have also done other</li><li>• I still working on other</li></ul> <hr/> <p><b>Attendance at Schools/Classes/Seminars</b> (title, length (day/hours), credits):</p> <ul style="list-style-type: none"><li>• <i>Interesting course, A. Einstein (20h)</i></li></ul> <hr/> <p><b>Publications/Congress participation:</b></p>
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Figure 2: example