modern-um-thesis

This is the documentation manual for the `modern-um-thesis` Typst template, generated using `Tidy`.

Contents

Top Level

documentclass

All functions and variables to be used in the Typst thesis template for University of Macau.

Parameters

```
documentclass(
  doctype: "doctor" "master" "bachelor" ,
  date: datetime ,
  lang: "en" "zh" "pt" ,
  double-sided: bool ,
  print: bool ,
  info: dictionary
) -> dictionary
```

doctype   `"doctor"` or `"master"` or `"bachelor"`

Type of thesis

Default: `"doctor"`

date   `datetime`

Date of submission

Default: `datetime.today()`

lang   `"en"` or `"zh"` or `"pt"`

Language of the thesis

Master's theses must be written in English.

If you choose "master" doctype, DO NOT select the other 2 languages.

Default: `"en"`

double-sided   `bool`

Enable double-sided printing

For Doctoral theses, double-sided printing is required (i.e. please set to true).

For Master's and Bachelor's theses though, single-sided printing is strongly recommended, but double-sided printing is still allowed.

Default: `true`

print   `bool`

Add margins to binding side for printing

In most cases, this should be set to true.

Default: `true`

info `dictionary`

Thesis information, including:

`title-en`: Title of Thesis, **required**
`title-zh`: 论文标题
`title-pt`: Título da Tese
`author-en`: Name of Author, **required**
`author-zh`: 作者姓名
`author-pt`: Nome do Autor
`degree-en`: Degree Title, **required**
`degree-zh`: 学位名称
`degree-pt`: Doutorado
`academic-unit-en`: Name of Academic Unit, **required**
`academic-unit-zh`: 学术单位名称
`academic-unit-pt`: Nome da Unidade Acadêmica
`supervisor-en`: Name of Supervisor, **required**
`supervisor-zh`: 导师姓名
`supervisor-pt`: Nome do Supervisor
`co_supervisor-en`: Name of Co-Supervisor
`co_supervisor-zh`: 共同导师姓名
`co_supervisor-pt`: Nome do Co-Supervisor
`department-en`: Name of Department
`department-zh`: 系名称
`department-pt`: Nome do Departamento

Apart from all **required** entries above, if you choose a language other than "en", you must also provide translations for all **required** entries in that language.

Default: `(:)`

Layouts

doc

Document metadata & global settings

Parameters

```
doc(
  date: datetime ,
  doctype: "doctor" "master" "bachelor" ,
  lang: "en" "zh" "pt" ,
  double-sided: bool ,
  print: bool ,
  info: dictionary ,
  body: content
) -> content
```

date   `datetime`

Date of submission

Default: `datetime.today()`

---

doctype   `"doctor"` or `"master"` or `"bachelor"`

Type of thesis

Default: `"doctor"`

---

lang   `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

---

double-sided   `bool`

Enable double-sided printing

Default: `true`

---

print   `bool`

Add margins to binding side for printing

Default: `true`

---

info   `dictionary`

Thesis information

Default: `(:)`

frontmatter

Set up front matter environment

Parameters

```
frontmatter(
  doctype: "doctor" "master" "bachelor",
  lang: "en" "zh" "pt",
  body: content
) -> content
```

---

doctype   `"doctor"` or `"master"` or `"bachelor"`

Type of thesis

Default: `"doctor"`

lang `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

mainmatter

Set up main matter environment

Parameters

```
mainmatter(
  doctype: "doctor" "master" "bachelor",
  lang: "en" "zh" "pt",
  body: content
) -> content
```

doctype `"doctor"` or `"master"` or `"bachelor"`

Type of thesis

Default: `"doctor"`

lang `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

appendix

Set up appendix environment.

Example:

```
#show: appendix
= Appendices <appendices>
== What do I put in here <section>
Material that is related to, but\ not
appropriate for, inclusion in\ the text,
can be placed in the\ appendices. They
must meet the\ formatting requirements
described\ in this document.
```

> # Appendix A Appendices
>
> ## A.1. What do I put in here
> Material that is related to, but
> not appropriate for, inclusion in
> the text, can be placed in the
> appendices. They must meet the
> formatting requirements described
> in this document.

Parameters

```
appendix(
  doctype: "doctor" "master" "bachelor",
  lang: "en" "zh" "pt",
  body: content
) -> content
```

doctype   `"doctor"` or `"master"` or `"bachelor"`

Type of thesis

Default: `"doctor"`

lang   `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

Pages

cover-phd

Generate cover page for PhD thesis

Parameters

```
cover-phd(
  date: datetime ,
  lang: "en" "zh" "pt" ,
  double-sided: bool ,
  info: dictionary
) -> content
```

date   `datetime`

Date of submission

Default: `datetime.today()`

lang   `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

double-sided   `bool`

Enable double-sided printing

Default: `true`

info   `dictionary`

Thesis information

Default: `(:)`

declare-phd

Generate declaration page for PhD thesis

Parameters

```
declare-phd(
  date: datetime ,
  lang: "en" "zh" "pt" ,
  double-sided: bool
) -> content
```

lang   `"en"` or `"zh"` or `"pt"`

Language of the thesis

Default: `"en"`

double-sided   `bool`

Enable double-sided printing

Default: `false`