



---

## **GUIDELINES**

### **FORMAT OF MASTER'S THESIS PROPOSAL**

The Master thesis is encouraged to be written in English.

Use Time New Roman, Arial, or Cambria police of characters, a font size of 12, and 1.5 line spacing.

The document should have the following structure:

#### **1) Page 1: Title page**

The title page should have the following information

- Name of the Graduate Institute in Chinese
- Name of the Graduate Institute in English
- Title of the Master thesis proposal
- Name of student
- Name(s) of Advisor and Co-advisor (when applicable)
- Country and date of presentation

#### **2) Table of content**

- Title of the paragraphs and pages

#### **3) Abstract**

The abstract should be divided into the following sections

- Background
- Aims
- Material and Methods
- Results
- Conclusions



TMU  
BIOMEDICAL  
ENGINEERING

Taipei Medical University  
College of Biomedical Engineering



The abstract should be less than 500 words, and have more than 350 words. The abstract does not usually have references and does not include Tables or Figures.

#### **4) Abbreviations**

A list of the abbreviations should be provided. However, abbreviations should also be spelt out in parenthesis the first time they are mentioned in the text.

#### **5) Introduction**

The introduction should provide sufficient background on the research field, refer to previous relevant published research done, and justify the work performed in the thesis. It should include references.

Typical length is 8-15 pages (indicated for reference only)

#### **6) Materials and Methods**

This section should include sufficient detailed information on the material used for the study and on the experiments performed so that another researcher can easily reproduce them. References can be used to refer to previously published methods and techniques.

For any reagent used, provide the catalog number, supplier, city, and country.

For equipment provide the model, supplier, city, and country.

For cell lines, provide the name, number, source, city, and country.

This information can be listed as a Table or can also be included in the text. Even if a Table is provided, the above information should be indicated in the text once such reagent, cells or equipment is mentioned for the first time. When a reagent, cells, or equipment are mentioned again, just indicate the name of the supplier.



This section should include, when relevant, a section stating the statistical methods used and the p value selected to assess significance.

Typical length is 5-10 pages (for reference only)

### **7) Current results**

This section should strictly and objectively present the data obtained. It should include text as well as figures and/or tables. It usually does not include references. This section should **not** discuss the data.

Typical length is 8-15 pages (for reference only)

### **8) Interim conclusions**

This section is intended to provide objective comments and interpretation of the data obtained. It should include references. It should state the limitations and uncertainties from the study performed so far.

Typical length is 5-10 pages (for reference only).

### **9) Future work**

This section presents and explains the rationale for the planned future studies, and the future methodologies used.

Typical length is 1 - 2 pages (for reference only)

### **10) List of references**

References should be entered in the text using reference software, such as Endnote. The style selected should list all the authors when the number is up to 6.



TMU  
BIOMEDICAL  
ENGINEERING

Taipei Medical University  
College of Biomedical Engineering



When the number is above 6, list the first 6 authors and then “et al.”. The name of the journal should be abbreviated using usual international convention or style. The year should be indicated, as well as the volume (but not the issue) and first and last pages.

Typical number of references is over 50.

### **11) Figures and Tables**

High-quality figures and tables should be provided. They can be included within the text or shown at the end of the document, after the references. All figures and tables should be numbered in a chronological manner, mentioned in the text, and have self-explanatory legends.