

# Master's Thesis (including the report of advanced Research and Development) Specification

※ [Master's program in Intelligent and Mechanical Interaction Systems] There are some different points on drawing up.

## 1. Paper

1) Use A4 format only, 21 cm x 29.7 cm (portrait format). There is no limit to the number of pages.

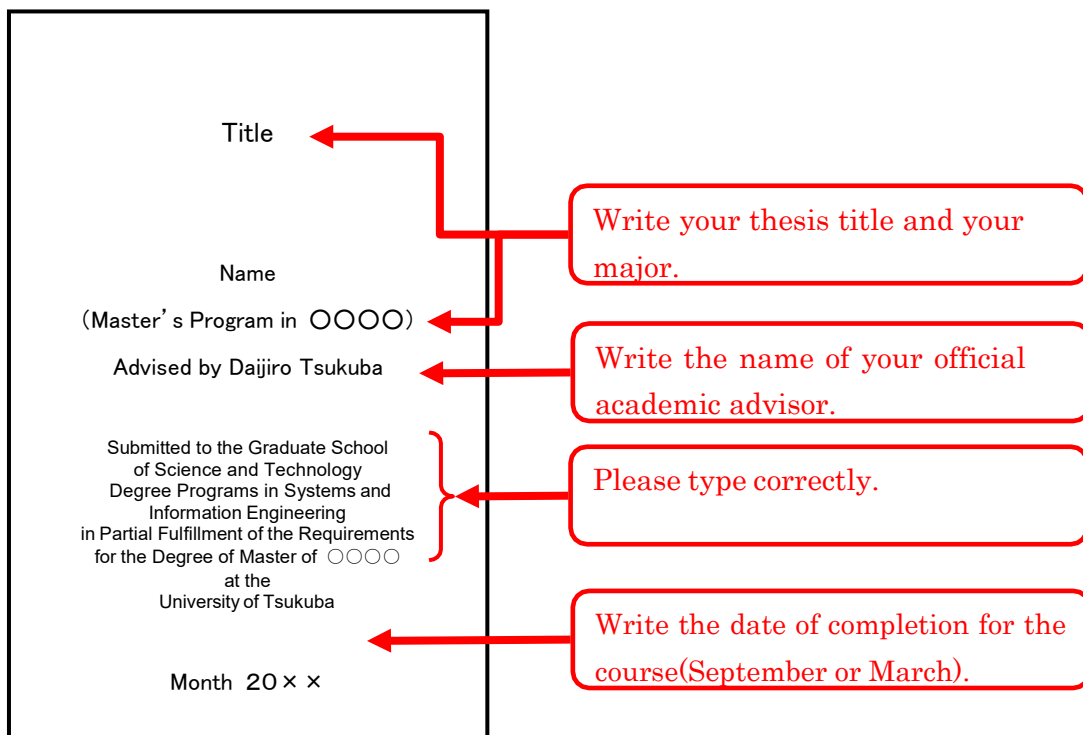
## 2. Format

1) Your thesis must be, as a rule, typed in English or Japanese.

2) The color of letters is black, but that of graphs, diagrams and attached letters is free.

## 3. Front Cover & Spine and others

1) Please make Master's thesis as standard format for the chart below and the Word or LATEX.



« Q & A »

|   |   |   |
|---|---|---|
| 1 | Q | Can I change the style of the cover?  |
|   | A | No, you cannot. There are some students who use underlines or a frame with the title. We cannot accept those theses.  |
| 2 | Q | On the cover page, can I write the date of submission instead of completion for the course?   |
|   | A | No. You have to write the date of completion for the course.  |
| 3 | Q | I belong to the Department of Risk and Resilience Engineering or the advanced IT special program in the Department of Computer Science, and am going to write 'the report of advanced Research and Development' instead of "Master's Thesis". What should I do? |
|   | A | There is a special format for 'the report of advanced Research and Development'. Please refer to the webpage for students. If you need detailed information, ask academic office for Degree Programs in Systems and Information Engineering .                   |

The Example of Thesis  
at the Graduate School  
of Science and Technology

Degree Programs in Systems and Information Engineering

Taro Tsukuba

(Master's Program in ○○○○)

Advised by Daijiro Tsukuba

Submitted to the Graduate School  
of Science and Technology  
Degree Programs in Systems and  
Information Engineering  
in Partial Fulfillment of the Requirements  
for the Degree of Master of ○○○○○  
at the  
University of Tsukuba

Month 20\* \*

Month and Year in the date of  
completion  
(Month: September or March)

※社会工学学位プログラム、サービス工学学位プログラム用表紙見本

The Example of Thesis  
at the Graduate School  
of Science and Technology  
Degree Programs in Systems and Information Engineering

Taro Tsukuba

(Master's Program in Policy and Planning Sciences)

(Master's Program in Service Engineering)

Co-advised by Daijiro Tsukuba  
and Hanako Mito

Submitted to the Graduate School  
of Science and Technology  
Degree Programs in Systems and  
Information Engineering  
in Partial Fulfillment of the Requirements  
for the Degree of Master of ○○○○○○○○  
at the  
University of Tsukuba

Month 20\* \*

Month and Year in the date  
of completion  
(Month: September or March)

## **Abstract**

This is a sample document for writing a thesis which will be submitted to the Degree Programs in Systems and Information. The main purpose of this document is to reduce the author's trouble in making title. Of course you can create your title page from scratch. But your style must fulfill the requirements such as margins.

# Contents

- Chapter 1 .....1
- Chapter 2 .....2
  - 2.1 Title .....2
  - 2.2 Body .....2
- Acknowledgements .....4
- Bibliography .....5

# List of Figures

Figure 2.1 Example of Figure .....3

# Chapter 1

## Introduction

This is a sample document for writing a thesis which will be submitted to the Degree Programs in Systems and Information. The main purpose of this document is to reduce the author's trouble in making title. Of course you can create your title page from scratch. But your style must fulfill the requirements such as margins.

This document is also prepared for intention of unifying the thesis style. You can write your thesis based on this document. This document does not include how to write good thesis. So, you should consult advisor(s) about the concrete example of thesis and other details.



# Chapter 2

## Format

In this chapter, we show how to fill the title and body.

### 2.1 Title

Title page has to include **Title** and **Author** and **Major Field** and **Advisor** and **Date**.

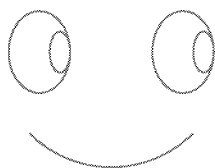
### 2.2 Body

Body should be described in single column.

Table 2.1 and Figure 2.1 are the examples. Tables and Figures must be shown with a caption. A caption for table will be put at the top of the table. A caption for figure will be put at the bottom of the figure. Tables and Figures should be referred in the context.

**Table 2.1 Sample of Table**

| Year | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> |
|------|-----------------|-----------------|-----------------|-----------------|
| 1995 | 85              | 92              | 86              | 88              |
| 1996 | 83              | 89              | 90              | 102             |
| 1997 | 88              | 87              | 91              | 102             |
| 1998 | 144             | 93              | 90              | 115             |



**Figure 2.1 Example of Figure**

See Help file or related document of Microsoft Word [1].

References are numbered and referred in the context. We will show concrete example of referring to a related work as[2].

# Acknowledgements

## Bibliography

[1] Steve Ballmer, Jim Allchin and Bill Gates, Office XP: Advanced Technique and Experiments of Office Soft wares, Journal of Microsoft Product Information, Vol. 3, Number 2, pp. 129-138, November 2000 (fictitious paper).

[2] Randal E. Bryant, Graph-based algorithms for Boolean function manipulation, IEEE Transactions on Computers, Vol. C-35, No. 8, pp. 677-691, August 1986.

# 【別記様式1】学位論文審査願 記載例

別記様式第1号（第3項関係）【博士課程前期】

※オンライン提出のため押印省略

|                   |       |
|-------------------|-------|
| 学位プログラム<br>ムリーダー印 | 指導教員印 |
| /                 |       |

(※研究群長印省略)

You need not to get Seal from Program Chair and Advisor, since we accept applications online in this year.

学位論文審査願  
Request for Screening of the Thesis

Fill in the date of submitting the Thesis

令和 ○ 年 ○月 ○日

Year month day

理工情報生命学術院長 殿

Master's program name in Japanese

Please write your signature or seal and submit PDF file to manaba

筑波大学大学院博士課程理工情報生命学術院

システム情報工学研究群 ○○○○○○学位プログラム

平成 or 令和○○年度 入学 学籍番号 20XXXXXX

Admission year

Student ID No.

氏名 ○○ ○○



Name

Seal

国立大学法人筑波大学学位規程第4条の規定により、修士（○○）の学位論文に下記の書類を添えて提出しますので、審査願います。

Master's degree name in Japanese

記

- |                              |        |
|------------------------------|--------|
| 1. 論文概要                      | 1 通    |
| Abstract                     | 1 copy |
| 2. 論文目録                      | 1 通    |
| Table of Contents            | 1 copy |
| 3. 履歴書                       | 1 通    |
| Curriculum Vitae             | 1 copy |
| 4. 論文公正に関する確認書               | 1 通    |
| Statement of Research Ethics | 1 copy |

|      |      |                |      |
|------|------|----------------|------|
| 筑波大学 | 受理番号 | Do not fill in | 課程博士 |
|------|------|----------------|------|

## 【別記様式2】論文概要 記載要領

“Academic year” shall be regarded one year from April till March of next year. Therefore those who obtain the degree in September must fill in the current year and those in March must fill in the previous year.

Be sure to fill in the student ID

(学籍番号 20XXXXXXX )

### 筑波大学大学院システム情報工学研究群修士論文概要 Systems and Information Engineering Master's Thesis

|  |   |  |          |
|--|---|--|----------|
| 年度   | 令和 ○○ 年度  | 学位名  | 修士( ○○ ) |
| 学位プログラム<br>Master's program name in Japanese | ○○○○○   | 学位プログラム<br>Name  | 筑波 太郎    |
| 指導教員氏名<br>Advisor's name                     | 筑波 大二郎  | Write the name of your substantial academic advisor together if your major is Policy and Planning Sciences or Service Engineering. |          |
| 論文題目<br>Title of the thesis                  | (例)The Example of Thesis at the Graduate School of Science and Technology<br>(筑波大学大学院理工情報生命学院における修士論文の書き方)  |  |          |
| 論文概要<br>Master's Thesis Outline              | Points to note;<br>1) Be sure to fill in the student ID number when you submit the thesis.<br>2) Write only the name of your main academic advisor in the prescribed column.<br>3) Write Japanese equivalents in parentheses after English title.<br>4) Keep one page with 10 point font size a standard. |  |          |

Write down the degree

※オンライン提出に用いるシステムの提出ログをもって本人証明とし、これを押印又は署名の代わりとする。

※Since the submission log of the online submission system will be treated as proof of your identity, your seal and signature can be omitted.

# 【別記様式3】論文目録 記載要領

別記様式第3号

## 論文目録

筑波大学

|   |   |                                      |             |
|---|---|--------------------------------------|-------------|
| 博士課程理工情報<br>生命学院システム<br>情報工学研究群   | ○○○○○○○○<br>学位プログラム<br>Mater's program name in Japanese   | 学籍番号<br>Student ID No.<br>20XXXXXXXX | 氏名<br>○○ ○○ |
| 1. 【論文題目】   | The Example of Thesis at the Graduate School of Science and Technology<br>(筑波大学大学院理工情報生命学院における博士論文の書き方) |                                      |             |
| 2. 【印刷公表の方法および時期】<br>How and when the publication in print was made   | Follow paragraph 2,6,7of the Precautions  |                                      |             |
| [例] 本論文の主要部分は参考論文に示した論文で公表済みであり、さらに下記の論文として投稿中である。<br>(1) 筑波太郎, 土浦花子, 「制約充足問題の多項式時間全解探索について」, 人工知能学会誌   |   |                                      |             |
| 3. 【参考論文】 Reference Papers  | Follow paragraph 3,5,6,7of the Precautions  |                                      |             |
| [例] 本論文の主内容は、下記(1),(2)として公表済みであり、さらに、(3),(4)の論文が公表予定である。<br>・公表済み論文 Published Papers<br>(1) Taro Tsukuba and Hanako Tsuchiura, “A Frequency Domain Repetitive Control Algorithm for Robot Manipulators”, Proc. of the 2nd Motion and Vibration Control Conf, Yokohama, Aug, 2007, pp.12-20<br>(2) 筑波太郎, 「○○・・・・・・に関する研究」, 日本○○学会誌, Vol.20, No.2, 2006, pp.234-241<br>・採録決定論文 Papers Accepted<br>(3) Taro Tsukuba, “Implementation of Distributed Robot Control Systems with Transputers”, Trans. of the SICE (計測自動制御学会論文集), (Vol.7, No.4 採録予定)<br>(4) 筑波太郎, 土浦花子, 「制約充足問題の多項式時間全解探索について」, 人工知能学会誌, (採録決定) |   |                                      |             |
| 4. 【その他の論文】 Other Papers  | Follow paragraph 4,5,6,7of the Precautions  |                                      |             |
| [例]<br>・公表済み論文 Published Papers<br>(1) Taro Tsukuba and Hanako Tsuchiura, “.....”<br>・採録決定論文 Papers Accepted<br>(2) 筑波太郎, 「・・・・・・」<br>・査読のない発表論文 Presented Paper Without Review<br>(3) 筑波太郎, 土浦花子, 「・・・・・・」   |   |                                      |             |

Follow paragraph 1 of the Precautions

Follow paragraph 2,6,7of the Precautions

Follow paragraph 3,5,6,7of the Precautions

Follow paragraph 4,5,6,7of the Precautions

**Precautions:**

- To the titles in English, affix the Japanese translation enclosed in parentheses.
- In the field of “How and when the publication in print was made”, fill out only the single or joint authorship paper related to the Thesis, with review and which is being contributed.
- In the field of “Reference Papers”, fill out the single or joint authorship paper related to the Thesis, with review and which have been published or accepted.
- In the field of “Other Papers”, fill out the papers applicable to the following according to the “Reference Papers”.  
(1) Single or joint authorship paper with review, unrelated to the Thesis.  
(2) Papers presented without review at a lecture meeting, etc. in Japan.
- In the field of “Reference Papers”, categorize the papers “published” or “accepted” distinctly. Furthermore, in the field of “Other Papers”, categorize the papers “without review” distinctly.
- Underline the name of the applicant.
- Create the Index referring to “The Points to Complete in the Index of the Thesis”.

## **【The Points to Complete in the Index of the Thesis】**

The Index of the Thesis is a list of the single or joint authorship papers of the applicant's writings to which the following apply, (a) to (d).

If you do not have any applicable papers, fill out – 1 “Subject of the Thesis”- only.

- (a) Papers with review and have been published
- (b) Papers with review and have been accepted
- (c) Papers with review and is being submitted, but not accepted yet
- (d) Papers presented without review at a lecture meeting, etc. in Japan

### **1. 【Subject of the Thesis】**

Fill in the subject of the Thesis being submitted. To the titles in English, affix the Japanese translation enclosed in parentheses.

### **2. 【How and when the publication in print was made】**

Fill in the papers related to the Thesis being submitted and applicable to the above (c).

#### **(Example)**

The essential part of this Thesis is already published / planned to be published in the papers listed in the “Reference Papers”, and also is being contributed as the paper below.

(1) Taro Tsukuba and Hanako Tsuchiura, “Getting All Solutions to Constraint Satisfaction Problems in Polynomial Time”, Journal of the Japanese Society for Artificial Intelligence.

### **3. 【Reference Papers】**

Fill in the Papers related to the Thesis being submitted and applicable to the above (a) and (b), categorizing them into (a) and (b).

#### **(Example 1)**

The essential part of this Thesis has been published as (1) and (2) in the following Reference Papers.

- Published Papers

(1) Taro Tsukuba and Hanako Tsuchiura, “A Frequency Domain Repetitive Control Algorithm for Robot Manipulators”, Proc. of the 2nd Motion and Vibration Control Conf. Yokohama, Aug. 2007, pp.12-20

(2) Taro Tsukuba, “Research on XXXXX”, Journal of the Japanese Society for XXXXX, Vol.20, No.2, 2006, pp.234-241

#### **(Example 2)**

The essential part of this Thesis are planned to be published as the following papers

- Papers Accepted

(1) Taro Tsukuba, “Implementation of Distributed Robot Control Systems with Transputers”, Trans. Of the SICE (Transactions of The Society of Instrument and Control Engineers) (Accepted and to be Published in Vol.7, No.4)

#### **(Example 3)**

The essential part of this Thesis has been published as (1) of the following, and the paper of (2) is planned to be published.

- Published Papers

(1) Taro Tsukuba and Hanako Tsuchiura, “Behavior of Misfit Dislocations in GaAs Epilayers Grown on si as Low Temperature by Molecular Beam Epitaxy”, Jpn. J. Appl. Phys., Vol.7, No.4, 2007, pp.23-30

- Papers Accepted

(2) Taro Tsukuba, “Implementation of Distributed Robot Control Systems with Transputers”, Trans. Of the SICE (Transactions of the Society of Instrument and Control Engineers) (Accepted)

### **4. “Other Papers”**

Fill in the Papers with review unrelated to the Thesis being submitted, categorizing them into above (a) and (b). Or, fill in the presented papers without review at a lecture meeting, etc. in Japan as described in above (d), indicating that interest. To fill in the papers, refer to the way of filling in the papers in “Reference Papers”.



# 【別記様式4】履歴書 記載要領

別記様式第4号

[学位論文審査用]  
理工情報生命学院様式

## 履 歴 書 (修士論文用)

Curriculum Vitae

\*氏名を手書きする場合は、楷書ではっきりと記入してください。

Fill in the date of submitting the Thesis

|                              |                                     |   |
|------------------------------|-------------------------------------|---|
| 学籍番号<br>Student ID           | 20XXXXXXXX                          | (令和 ○ 年 ○ 月 ○ 日現在)  |
| フリガナ<br>Kana                 | ツクバ タロウ                             | 現住所<br>Address  |
| 氏名<br>Name                   | 筑波 太郎                               | 郵便番号 305 - 8573<br>茨城県つくば市天王台1-1-1<br>e-mail xxxx@xxx.xx.xx |
| 自宅電話<br>Phone number         | ( 029 ) 853 - XXXX                  | 携帯電話<br>Mobile phone number                                 |
|                              |                                     | ( 090 ) XXXX - XXXX   |
| 年 月                          | 学 歴 (大学以上(高専修了者は高専以上))<br>※在学生は記入不要 |   |
| 年 月～ 年 月<br>(卒業修了・退学・除籍・( )) |                                     |   |
| 年 月～ 年 月<br>(卒業修了・退学・除籍・( )) |                                     |   |
| 年 月～ 年 月<br>(卒業修了・退学・除籍・( )) |                                     |   |
| 年 月～ 年 月<br>(卒業修了・退学・除籍・( )) |                                     |   |
| 年 月～ 年 月<br>(卒業修了・退学・除籍・( )) |                                     |   |
| 年 月                          | 職 歴 等<br>※在学生は記入不要                  |   |
| 年 月～ 年 月                     |                                     |   |
| 年 月～ 年 月                     |                                     |   |
| 年 月～ 年 月                     |                                     |   |
| 年 月～ 年 月                     |                                     |   |
| 年 月～ 年 月                     |                                     |   |

※オンライン提出に用いるシステムの提出ログをもって本人証明とし、これを押印又は署名の代わりとする。

※Since the submission log of the online submission system will be treated as proof of your identity, your seal and signature can be omitted.

# 【別記様式5】論文公正に関する確認書 記載

別記様式第5号

## 論文公正に関する確認書 Statement of Research Ethics

理工情報生命学術院長 殿

To: Executive Dean, Graduate School of Science and Technology

私は、提出した学位論文について、研究不正行為（捏造、改ざん及び盗用等）は行っておりません。

I confirm that there is absolutely no breach of research ethics (fabrication, falsification and plagiarism) on the submitted thesis.

論文題目

Title of the thesis

(例)The Example of Thesis at the Graduate School of Science and

Technology (筑波大学大学院理工情報生命学術院における論文の書き方)

指導教員

Supervisor

筑波 二郎

20XX 年 ○月 ○日

Date: (Year, Month, Day)

学位プログラム名

Name of Graduate Program

○○○○○○学位プログラム

学籍番号

Student ID Number

20XXXXXXXX

氏名

Name

筑波 太郎

当該学位論文を剽窃チェックツール (iThenticate) により調査しました。

20XX 年 ○月 ○日

This date equal or later than the above date.

Signature of your supervisor

指導教員(自署)

筑波 二郎

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※Since the submission log of the online submission system will be treated as proof of your identity, your seal and signature can be omitted.