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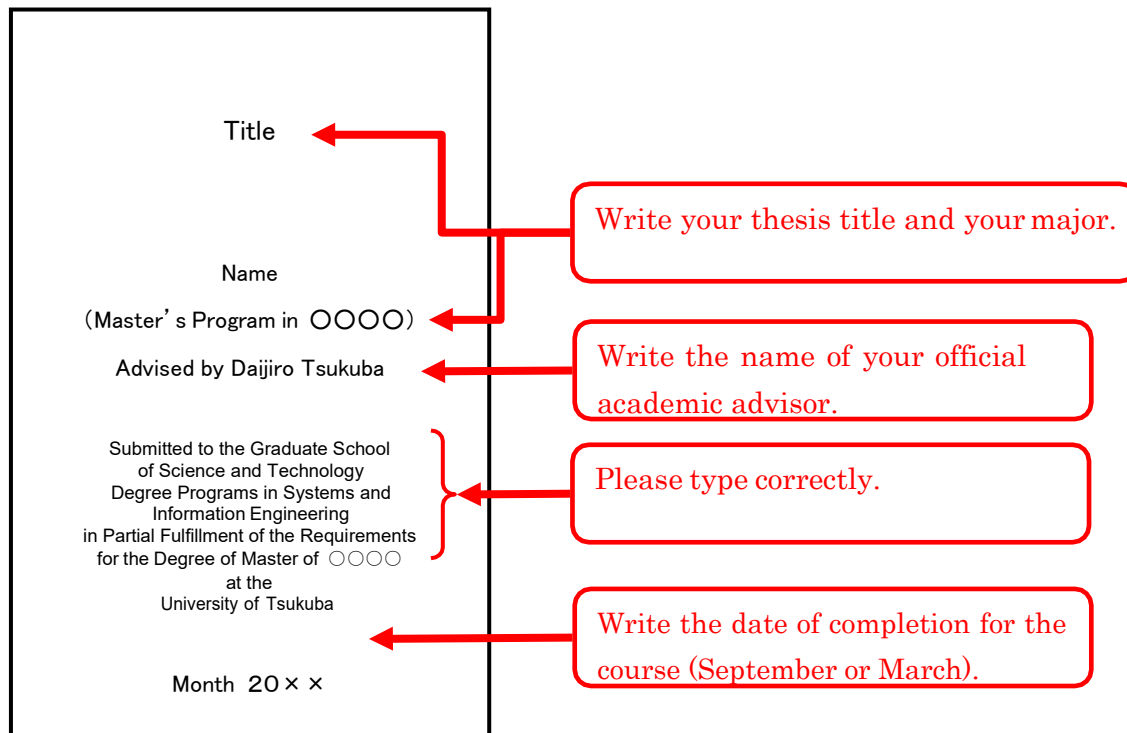 １）Use A4 format only, 21 cm x 29.7 cm (portrait format). There is no limit to the number of pages.

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.

Title

Name

（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××

Write your thesis title and your major.

Write the name of your official academic advisor.

Please type correctly.

Write the date of completion for the course (September or March).

≪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'. Pleaserefer 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)

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

List of Figures

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

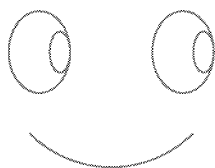| Year	1st	2nd	3rd	4th
1995	85	92	86	88
1996	83	89	90	102
1997	88	87	91	102
1998	144	93	90	115

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 Allichin 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.

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)

Request for Screening of the Thesis (Sample)

第３項関係【博士課程前期】
Related to Paragraph 3

※オンライン提出のため省略
Omitted for online submission.

学位プログラム リーダー印	指導教員印

（※研究群長印省略）

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
Date:　dd/　mm/　yyyy

理工情報生命学術院長　　殿
To: Executive Dean of the Graduate School of Science and Technology

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
Graduate School of Science and Technology in the University of Tsukuba
Degree Programs in Systems and Information Engineering
Master's Program in ＿＿○○○○＿＿＿＿＿

Please sign or seal next to your typing name and submit by PDF file to manaba.

XXXX年度入学　　学籍番号　　20XXXXXXX
Admission Year　　Student ID Number
氏名　　　　　　○○　○○　　　　　　　印
Full Name　　　　　　　　　　　Seal/Signature

　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。
In accordance with Article 4 of the University of Tsukuba Degree Regulations, I hereby apply for admission to the examination of my thesis to earn a Master of (＿＿○○○○＿＿) and submit my thesis along with the following documents.

Please fill in the name of the degree you plan to obtain:
Policy and Planning Sciences/Engineering in Service Science/Engineering

1	論文概要 Summary	1	通
2	論文目録 Table of Title and References	1	通
3	履歴書 Curriculum Vitae	1	通
4	論文公正に関する確認書 Statement of Research Ethics	1	通

筑波大学	受理番号	Do not fill in	博士前期 課程修士

Summary of the Thesis (Sample)

（学籍番号 Student ID Number　20XXXXXX　）

理工情報生命学術院システム情報工学研究群修士論文概要

of Science and Technology

ems and Information Engineering

f the Master's Thesis

"Academic year" shall be regarded one year from April to March of next year. Those who obtain the degree in September must fill in the current year and those in March must fill in the previous year.

Write down the degree

年 度 AY	XXXX年度	学位名 Degree Name	Master of ○○○○
学位プログラム Degree Program	Master's Program in ○○○	著者氏名 Name	TSUKUBA Taro

指導教員氏名　Supervisor's Name　TSUKUBA Daijiro

Write the name of your substantial academic advisor together if your major is Policy and Planning Sciences.

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修士論文の書き方)

論文概要　Summary of the Thesis

Points to note;
1) Be sure to fill in the student ID number when you submit the thesis.
2) Write only the name of your main academic advisor in the prescribed column.
3) Write Japanese equivalents in parentheses after English title.
4) Keep one page with 10 point font size a standard.

※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.

Table of Title and References (Sample)

論　文　目　録

Table of Title and References

筑　波　大　学
University of Tsukuba

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 Graduate School of Science and Technology Degree Programs in Systems and Information Engineering Master's Program in ○○○○○○○○	
学籍番号 Student ID No.	20XXXXXXX
氏　名 Name	○○　○○

Follow paragraph 1 of the Precautions

１．【論文題目 Title of the Thesis】	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博士論文の書き方)

２．【印刷公表の方法および時期 How and when the publication in print was made】

Follow paragraph 2, 6, 7 of the Precautions

(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 .... in a Polynomial Time", Journal of the Japanese Society for Artificial Intelligence.

３．【参考論文　Reference Papers】

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

(Example)

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．【その他の論文　Other Papers】

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

(Example)

- Published Papers

(1) Taro Tsukuba and Hanako Tsuchiura, "…….

- Papers Accepted

(2) Taro Tsukuba, "…….

- Presented Papers Without Review

(3) Taro Tsukuba and Hanako Tsuchiura, "…….

<div align="center">

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

</div>

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 <u>with review</u> and have been published
       (b) Papers <u>with review</u> and have been accepted
       (c) Papers <u>with review</u> and is being submitted, but not accepted yet
       (d) Papers presented <u>without review</u> 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 <u>related to</u> 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) <u>Taro Tsukuba</u> 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 <u>related to</u> 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) <u>Taro Tsukuba</u> 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) <u>Taro Tsukuba</u>, "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) <u>Taro Tsukuba,</u> "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) <u>Taro Tsukuba</u> 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) <u>Taro Tsukuba</u>, "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 <u>unrelated to</u> the Thesis being submitted, categorizing them into above (a) and (b). Or, fill in the presented papers <u>without review</u> 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".

Curriculum Vitae (Sample)

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。

If you write your name by hand, please write it clearly in block style.

学籍番号 Student ID No.	20XXXXXXX	Fill in the date of submitting the Thesis	（令和 年 月 日現在） Date of submitting the thesis: dd / mm / yyyy

フリガナ Katakana	アルベルト アインシュタイン	現住所 Address	郵便番号 〒305 − 8573
氏 名 Name	Albert Einstein		31-xxx, Ichinoya Dormitory, University of Tsuk... Tsukuba-shi, Ibara...
		e-mail	xxx...

【Note】
Your e-mail address and mobile phone number are needed to be asked something just in case. Write them that are available until the completion ceremony.

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Date (from - to)	学歴（大学以上（高専修了者は高専以上））※在学生は記入不要 Academic History （after high school） *Current students do not need to fill out.
年 月～ 年 月 （ 卒業修了・退学・除籍・（ ）） Graduation / Withdrawal / Dismissal / Other （ ）	
年 月～ 年 月 （ 卒業修了・退学・除籍・（ ）） Graduation / Withdrawal / Dismissal / Other （ ）	
年 月～ 年 月 （ 卒業修了・退学・除籍・（ ）） Graduation / Withdrawal / Dismissal / Other （ ）	
年 月～ 年 月 （ 卒業修了・退学・除籍・（ ）） Graduation / Withdrawal / Dismissal / Other （ ）	
年 月～ 年 月 （ 卒業修了・退学・除籍・（ ）） Graduation / Withdrawal / Dismissal / Other （ ）	
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年 月～ 年 月	
年 月～ 年 月	
年 月～ 年 月	
年 月～ 年 月	

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Statement of Research Ethics (Sample)

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.

Write Japanese equivalents in parentheses after English title.

論文題目
Title of the thesis　　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　　　　　　　TSUKUBA Daijiro

20XX　年　○　月　○　日
Date:　（Year, Month, Day）

学位プログラム名
Degree Program　　Doctoral Program in　○○○

学籍番号
Student ID Number　　　20XXXXXX

氏名
Name　　　　　　　　　　TSUKUBA Taro

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。

指導教員(自署)　　　　　筑波　大二郎　　Signature

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