亞洲大學

Asia University

資訊工程學系

Department of Computer Science and Information Engineering

碩士班/碩專班 研究生手冊

Master's Course Graduate Manual

亞洲大學資訊工程學系碩士/碩專班研究生手冊

順序 project	申請項目 project	申請時程 Application timeline	申請應備表單及資料 Required Forms and Documents for Application	注意事項 Precautions
1	選定指導教授 Select an advisor.	**碩一第一學期**結束前須申請完成。 Must be completed by the end of the first semester of Year 1.	請於學生資訊系統**線上**申請。 Please apply through the online student information system. 請參考附件**1-操作流程** Please refer to **Attachment 1 - Operation Process.**	向各系所辦理或線上申請。 碩士生欲更換指導教授應先徵得原指導教授及新指導教授同意，並向本系申請、報備。 Apply through the department office or online. Master's students wishing to change their advisor must first obtain the consent of both the original and new advisors, and then apply to the department for approval.
2	變更指導教授申請 Application for Changing Advisor	在學期間。 During the study period.	請於學生資訊系統**線上**申請。 Please apply through the online student information system. 請參考附件**1-操作流程** Please refer to **Attachment 1 - Operation Process.**	
3	論文/研究方向提送單 Thesis/Research Direction Submission Form	**碩一第二學期**開學後二週內繳交。 Submit within two weeks after the start of the second semester of Year 1.	碩士論文研究方向提送單（**附件2**） Master's Thesis Research Direction Submission Form **(Attachment 2)**	
4	論文/碩士論文題目提送單 Thesis/Master's Thesis Title Submission Form	**碩二第一學期**註冊後繳交 Please submit after registering for the first semester of Year 2.	碩士論文題目提送單（**附件3**） Master's Thesis Title Submission Form **(Attachment 3)**	
5	論文計畫書審查 Thesis Proposal Review	第一學期於 **10/15** 前提出申請。 Submit the application by **10/15** in the first semester. 第二學期於 **04/15** 前提出申請。 Submit the application by **04/15** in the second semester.	請於學生資訊系統**線上**申請。 Please apply through the online student information system. 計劃書詳細格式請參閱**附件4** For the detailed format of the proposal, please refer to **Appendix 4**.	論文/技術報告計畫書書面審查通過**屆滿兩個月**後始得**申請學位考試**。 The application for the degree examination can only be made two months after the written review of the thesis/technical report proposal is approved.

| 6 | 學位論文口試申請 Degree Thesis Oral Examination Application | 1. 本學期預計可完成系所規定所有應修課程，並<mark>完成至少一篇期刊發表，需教授通過後簽名</mark>
Expected to complete all required courses specified by the department this semester and publish at least one journal paper, subject to professor approval and signature.
2. 第一學期於**12/31**前提出申請，<u>次年1/31前完成口試(含論文修改及上傳完成)；</u>
第二學期於**6/30**前提出申請，<u>7/31前完成口試(含論文修改及上傳完成)。</u>
Apply by 12/31 in the first semester and complete the oral defense (including thesis revision and upload) by 1/31 of the following year.
Apply by 6/30 in the second semester and complete the oral defense (including thesis revision and upload) by 7/31.
3. 論文口試依各系所規定，向該系所提出申請。
The thesis oral defense must be applied for according to the department's regulations. | 請於學生資訊系統**線上**申請。
Please apply through the online student information system. | 與指導教授商定口試委員後，請於<mark>論文口試15天前</mark>將這些資料，透過**線上**學生資訊系統提出申請給系辦，以利製作口試委員聘書。
After finalizing the oral defense committee with your advisor, submit these documents via the online student information system at <mark>least 15 days before the defense</mark> to the department office for committee appointment letter preparation. |

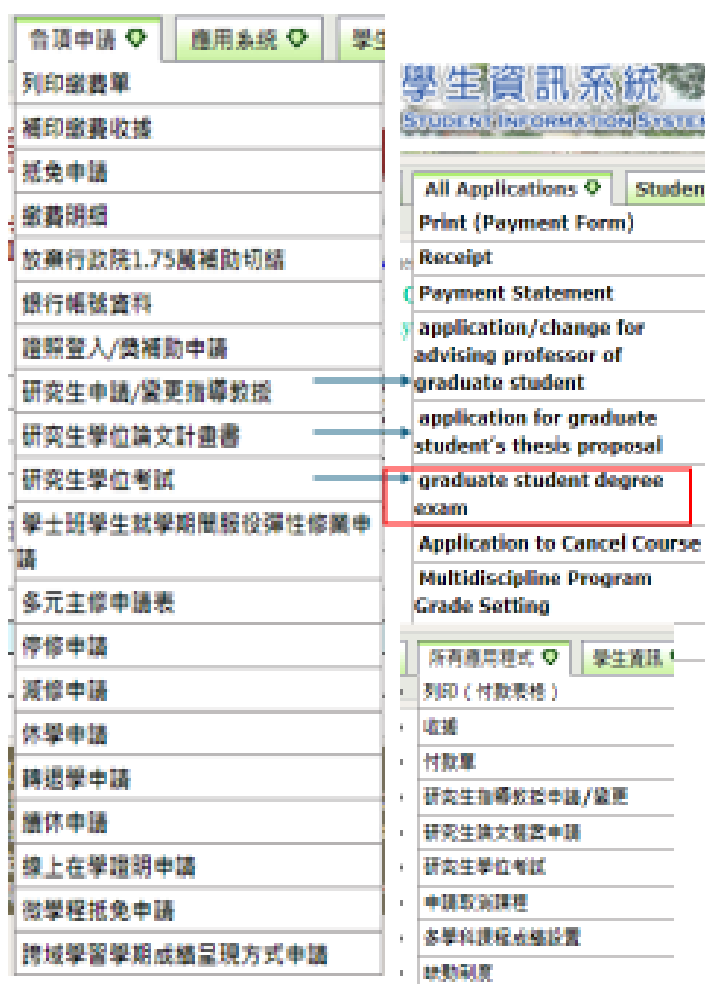| 7	學位論文口試 Degree Thesis Oral Examination	論文口試完畢當天，需將論文口試資料繳交回系上。 On the day of the thesis oral defense, submit the thesis defense documents to the department.	口試完請繳回系辦以下資料： After the oral defense, please submit the following documents to the department office: 1. 碩士論文考試委員會審定書（附件5） Verification Letter from the Master Dissertation Examination Committee (**Attachment 5**) 2. 碩士論文研究生學位考試評分總表（附件6） Master's Thesis Graduate Degree Examination Score Summary (**Attachment 6**) 3. 碩士論文研究生學位考試口試評分表（附件7） Master's Thesis Graduate Degree Examination Oral Defense Score Sheet (**Attachment 7**) 4. 考試費印領單據（附件8） Examination Fee Receipt (**Attachment 8**)	論文口試委員會審定書待系主任簽名之後，系辦將通知領取。該簽名單須個人永久保存，用於複製正式論文之用。 The Verification Letter from the Master Dissertation Examination Committee can be picked up after the department chair signs it. This signed document must be kept permanently for final thesis reproduction.
8	研究生電子論文上傳與繳交 Graduate Electronic Thesis Upload and Submission	第一學期於 1/31 前完成口試（含論文修改及上傳完成）； Complete the oral defense by 1/31 in the first semester (including thesis revision and upload). 第二學期於 7/31 前完成口試（含論文修改及上傳完成）。 Complete the oral defense by 7/31 in the second semester (including thesis revision and upload).	1. 離校程序指導教授同意書（附件9） Exit Procedure Advisor's Consent Form (**Attachment 9**) 2. 線上建檔論文：請務必依照研究生上傳論文前自檢項目之要求進行上傳。 Online Thesis Submission: Please be sure to follow the checklist requirements for thesis submission before uploading. 3. 研究生上傳論文前自檢項目單並親簽 (請以圖書館公告版本為主) Graduate Student Self-Check Checklist for Thesis Upload and **Personal Signature** (please follow the version announced by the library).	博碩士論文系統： 請告知系辦，建立帳號後即可登入系統進行上傳。 Doctoral and Master's Thesis System: Please inform the department office, and after creating your account, you can log in to the system to upload your thesis.

			博碩士論文系統及自檢項目單連結： Link to the Doctoral and Master's Thesis System and Checklist: https://cloud.ncl.edu.tw/asia/download.php 4. 紙本論文三本。 Three printed copies of the thesis.	紙本論文繳交： 圖書館兩本、資工系辦一本。 詳細規格請參閱上傳論文前自我檢查項目單。 Printed Thesis Submission: Two copies for the library and one copy for the Department of Computer Science office. For detailed specifications, please refer to the pre-upload thesis self-checklist.
9	辦理離校手續 Exit Procedures	請依本校註冊組每學期所發之學生離校程序與學位證書領取規定辦理。 Please follow the student exit procedures and degree certificate collection guidelines issued by the Registration Division each semester.	1. 系所離校程序單（**附件10**） Department Exit Procedure Form (**Attachment 10**) 2. 論文繳交資工系辦：紙本論文1本 Thesis Submission to the Department of Computer Science Office: One printed copy of the thesis.	**線上**學生資訊系統確認，依學校規定時程之畢業審查及相關離校手續。 **Online** Student Information System Confirmation: Follow the graduation review and related exit procedures according to the university's schedule.

操作流程 Operation Process:

(一)學生資訊系統各項申請中英文對照表

Chinese and English comparison table for various applications in the Student Information System

中文	英文
研究生申請/變更指導教授	Application/change for advising professor of graduate student
研究生學位論文申請書	Application for graduate student's thesis proposal
研究生學位考試	Graduate student degree exam

圖一　Figure 1

（二）研究生申請/變更指導教授 Graduate Student Application/Change of Advisor：

（1）請至「校園入口」→學生資訊系統→各項申請→點選研究生申請/變更指導教授進入申請（如圖二）。

Please go to "Campus Portal" → "Student Information System" → "Applications" → Click on "Graduate Student Application/Change of Advisor" to proceed with the application (as shown in Figure 2).
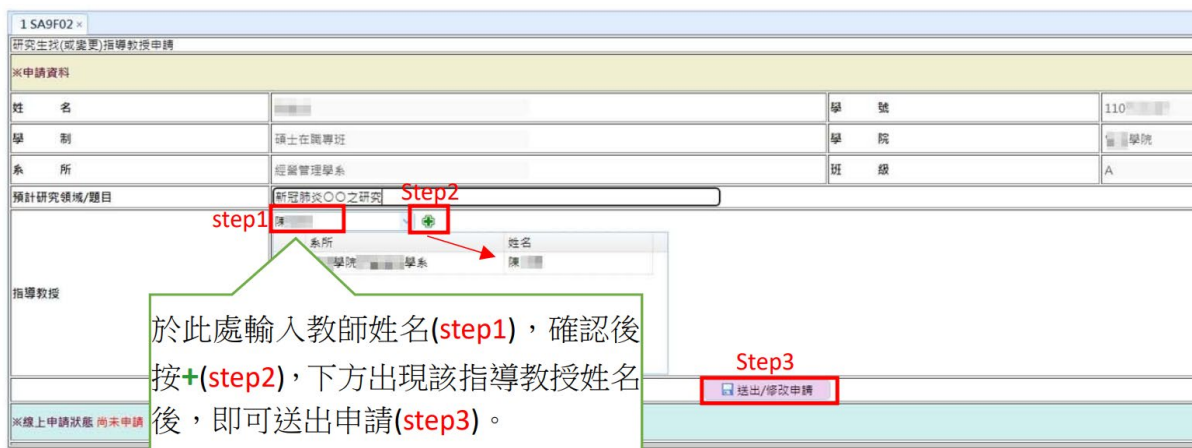

圖二 Figure 2

（2）研究生申請/變更指導教授之畫面（如圖三） step1→ step2→ step3， 送出後可隨時登錄本系統查詢申請狀態。

The screen for Graduate Student Application/Change of Advisor (as shown in Figure 3):
Step 1 → Step 2 → Step 3
After submission, you can log into the system at any time to check the application status.

圖三 Figure 3

※若該教師該學年指導人數已滿，無法再指導研究生，系統將會顯示「教授指導人數已額滿」。
※If the professor has reached the maximum number of students they can advise for the academic year, the system will display "The professor's advising capacity has been reached."

(三) 研究生學位論文計畫書申請 application for graduate student's thesis proposal

圖四　Figure 4

(四) 研究生學位考試申請 application for graduate student degree exam

圖五　Figure 5

亞洲大學

資訊工程學系碩士班暨碩士在職專班

學年度第＿＿＿＿學期

碩士論文研究方向提送單

Submission form for research direction of master's thesis

研究生姓名 Name	
研究生學號 Student ID	
聯絡電話 phone number	
Email(此為聯絡全國碩博士論文資訊網使用)	
碩士論文研究方向 Master thesis research direction	

指導教授簽名：＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿　日期：

請注意：

★研究生請務必於第一學年第二學期註冊後二週內將本『碩士論文研究方向提送單』交至系辦公室。

★若因故無法於時限內提出碩士論文研究方向，需事先以書面提出延緩理由，並經所長簽名同意。但延後時限最多為二個月，否則自動延長修業年限。

Please note:

★Graduate students must submit this "Master's Thesis Research Method" within two weeks of registration in the second semester of the first academic year.

Submit the file to the department office.

★If for some reason the research direction of the master's thesis cannot be proposed within the prescribed time limit, the reason for the extension must be submitted in advance in writing and the director signed and agreed. However, the delay time is up to two months, otherwise the learning time will be extended automatically.

亞洲大學

資訊工程學系碩士班暨碩士在職專班

＿＿＿學年度第＿＿＿學期

碩士論文題目提送單
Submission of Master Thesis Title

研究生姓名 **Name**	
研究生學號 Student ID	
聯絡電話 phone number	
Email(此為聯絡全國碩博士論文資訊網使用)	
碩士論文題目（中文） Master's Thesis Topics (CH)	
碩士論文題目（英文） Master's Thesis Topics (EN)	

指導教授簽名 Advisor's Signature：＿＿＿＿＿＿＿＿＿＿＿ 日期 Date：

請注意：★研究生請務必於第二學年第一學期註冊後二週內將本『碩士論文題目提送單』
交至系辦公室。

★若因故無法於時限內提出碩士論文研究方向，需事先以書面提出延緩理由，並經所長簽名同意。但延後時限最多為二個月，否則自動延長修業年限。

Please note:

★ Graduate students must submit this "Master's Thesis Topic Submission Form" to the department office within two weeks after registering for the first semester of their second year.

★ If you are unable to submit the Master's Thesis research direction within the given deadline, a written request for an extension must be submitted in advance and approved by the department chair with their signature. However, the extension period can be no longer than two months, otherwise, the study duration will be automatically extended.

亞洲大學(26pt)

資訊工程學系(22pt)
計畫書(22pt)

○○○○○○○○○○○(中文題目 CN title 20pt)
○○○○○○○○○○○(英文題目 EN title 20pt)

指導教授：○○○教授(Professor of Guidance: Professor 18pt)

學生：○○○(Students 18pt)

學號：○○○○○○○○(School ID 18pt)

中華民國　　　年　　　月　　　日(繳交日期 Submission date 18pt)

計畫書內容標題 The title of the plan content

一、研究動機 Research motives
二、研究背景及目的 Research background and purpose
三、研究方法 Research methods
四、預期成果 Expected results
五、參考文獻 References

至少6頁 At least 6 pages
中文標楷體、英文 Times New Roman　Chinese Biaokaiti, English Times New Roman
內容標題18pt Content Title 18pt
內容字體12pt、單行間距 Content font 12pt,single-line spacing

必須包含論文的摘要以及主要的大綱；原則上沒有一定的規範，但是有一些計劃書會先寫論文研究第一章的簡介、第二章的文獻探討、第三章研究設計或者預期的研究成果等等，最後是參考文獻。
It must include the abstract and main outline of the thesis; in principle, there is no certain standard, but some plans will first write the introduction of the first chapter of the thesis research, the second chapter of the literature discussion, and the third chapter research design or expected research Results and so on, and finally references.

亞洲大學
Asia University
資訊工程學系
Department of Computer Science and Information Engineering
碩士論文考試委員會審定書
Verification Letter from the Master. Dissertation Examination Committee

論文題目-題目

Title of Discussion-English

碩士生Master Student: 中文名字 English name

本論文業經審查及口試合格特此證明

This dissertation had been examined and qualified by the Master. Dissertation Exam Committee.

論文考試委員：

Exam Commissioners

_____   _____

_____   _____

指導教授：

Advisor

所　　　長：

Institute Director

民國　**　年　**　月

(Month, Year

亞洲大學＿＿學年度第＿＿學期碩士班/暨碩士在職專班研究生學位考試評分總表

系 所 別	資訊工程學系	研 究 生		學　　號	
論 文 題 目					
考　試 日　期	年　月　日　時　分	考 試 地 點		本校　　　　教室	
總平均成績	（取整數）	評語		□ 通過 □ 修正後通過 □ 不通過	
指 導 教 授 （簽章）					
召 集 人 （簽章）					
考 試 委 員 （簽章）	**三個口試委員皆須簽章**				

備註：
　一、指導教授不得擔任召集人。
　二、請召集人務必於學位考試當天，將考試成績親自交至各系所辦公室。

亞洲大學＿＿學年度第＿＿學期碩士班/暨碩士在職專班研究生學位考試評分表

系　所　別	資訊工程學系	研　究　生		學　　號	
論　文　題　目					
項目	評　語		得分	備註	一、　　學位考試成績評分以七十分為及格，一百分為滿分。考試成績以出席委員評定分數平均決定之。 二、　　學位考試成績評定，博士班須有三分之一以上委員、碩士班須有二分之一以上委員評定為不及格者，以不及格論。評定以一次為限。 三、　　學位考試成績評定不及格，而其修業年限尚未屆滿者，得於次學期或次學年申請重考，重考以一次為限；重考成績仍不及格者，應令退學。
研究方法			（20%）		
資料來源			（20%）		
文字與結構			（20%）		
心得創建或發明			（40%）		
評語	考試委員：　　　　　　　　　　　簽章		總成績 （100%）		

亞洲大學
Asia *University*
研究生學位考試委員戶籍資料表
Graduate Degree Exam Commissioner's Household Records Form

系所別 Institute	資訊工程學系	研究生 Graduate Student		學　號 Student Number	
考試委員 Exam Commissioner		身份證 字　號 ID Number			
詳　細 戶籍地址 Detailed Permanent *Address*					
電　話 TEL					
銀行名稱	銀行　　　　　　分行　【限本人戶名帳號】				
銀行帳號	【必填】				
備　註	※提供非國泰世華銀行帳戶者，匯款需自行負擔匯款手續費。				

亞洲大學研究生學位考試費印領單據
Asia *University* Graduate Degree Exam Fee Printed Receipt

項　　　目 Item	金　　　額 Amount of Money	簽　　　章 Signature
指導教授指導費 Advisor *Fee*		
論 文 考 試 費 Thesis/Dissertation Exam *Fee*		
考試委員交通費 Exam Commissioner Transportation *Fee*		
合　　　計 Total		

注意事項：1.每位考試委員，須各填寫一張（請詳填）。
　　　　　2.論文相關考試費用。請研究生逕至系所詢問。
　　　　　3.考試結束後，請立即將此表於交回各系所。

Notice: 1. Each exam commissioner should fill out one form (Please fill out in detail).
　　　2. As for the fees related to Degree Exam, the graduate student should ask the institute by himself/herself.
　　　3. After the exam is over, please return this form to the institute immediately.

亞洲大學

資訊工程學系碩士班/碩專班

＿＿＿學年度 研究生離校手續

指導教授同意書

School Leaving Procedure Sheet Consultant agrees

研究生姓名 name	
研究生學號 Number	
聯絡電話 phone Number	
聯絡 E-mail	
碩士論文/技術報告 題目（中文） Thesis/Dissertation Title(CN)	
碩士論文/技術報告 題目（英文） Thesis/Dissertation Title(EN)	

＊本人所指導研究生＿＿＿＿＿＿＿＿已完成所有碩士論文修改工

作，本人同意其辦理本所離校手續！

指 導 教 授 簽名：＿＿＿＿＿＿＿＿＿＿＿日期：

＊＊請注意：研究生於口試完畢後，必須依指導教授指示修改論文/技術報告，並將最終確定之中英
文論文題目填寫至表格內，待修改完畢，同時取得指導教授簽名同意後，方得據以辦
理本所離校手續。

亞洲大學

資訊工程學系碩士班/碩專班

離 校 程 序 單 School Leaving Procedure Sheet

項 目 project	系辦確認簽章
歸還圖書、儀器 Return books and instruments	
繳交碩士論文 1 本 Submit 1 books of master's thesis	
論文完成上傳 The paper is upload	
指導教授離校同意書 Guide the Professor's Leave Consent	
歸還實驗室鑰匙 Return the lab keys	

姓名 Name：

學號 Student No：

日期 Date：

總核	系助理簽章

論文內容順序

論文內容順序：

1. 封面
2. 論文口試委員會審定書
3. 中文摘要
4. 英文摘要
5. 目錄
6. 圖目錄
7. 表目錄
8. 論文本文
9. 參考文獻
10. 附錄
11. 誌謝

線上論文重點：

1. 論文名稱(如果沒有中文，打英文)
2. 口試委員，包含指導教授(英文大寫)
3. 關鍵詞(如果沒有中文，打英文)
4. 論文摘要(如果沒有中文，打英文)
5. 論文目次：目錄 CONTENTS ＞ 圖目錄 List of Figures＞ 表目錄 List of Tables
6. 審定書後的本文，需要浮水印

紙本論文重點：

1. "紙本無浮水印"
2. 封面雲彩紙、膠裝及膠膜
3. 圖書館兩本、系辦一本(包含光碟內需有論文及授權書、紙本教授同意離校單、離校程序單)
4. 依國家圖書館「學位論文送存國家圖書館典藏作業要點」第四條第八項
5. 學位論文內不應含個人資訊，如電子郵件、電話、住址、身分證字號等，應抽出或隱蔽

The content order of the paper

Thesis Content Order：

1. Cover
2. Papers oral examination committee validation
3. summary of Chinese
4. English Summary
5. Directory
6. Gallery
7. Table Catalog
8. This paper
9. References
10. Appendix
11. Zhixie

Online dissertation highlights:

1. The name of the paper (if not in Chinese, type in English)
2. Oral exam committee members, including advisors (capitalized in English)
3. Keywords (if there is no Chinese, type in English)
4. Abstract of the paper (if not in Chinese, type in English)
5. Paper catalogue: CONTENTS > List of Figures > List of Tables
6. The text after the approval letter needs a watermark

Highlights of the paper thesis:

1. "No watermark on paper"
2. Cover cloud paper, glue pack and film
3. Two books for the library and one for the department (including the thesis and power of attorney in the CD, the paper-based professor's consent to leave the school, and the school-leaving procedure sheet)
4. According to Article 4, Item 8 of the National Library's "Key Points for Submitting Dissertations to the National Library's Collections"
5. The dissertation should not contain personal information, such as email, telephone, address, ID number, etc., should be extracted or hidden.

碩士論文封面、書背格式
Master's thesis cover, back-to-back format

亞洲大學

←　*20號字空格*

○○○○○○學系

←　*20號字空格*

碩　士　論　文

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研　究　生 Research：○○○

指導教授 Professor of Guidance：○○○

←　*20號字空格*

←

中　華　民　國　　　年　　　　月

封面版面、格式 Cover layout, format

＜版面設定＞Layout Settings

1. 邊界：上：3.2cm、下：2.5cm、左：3.8cm、右：2.5cm
   .Border: Up: 3.2cm,、 Bottom: 2.5cm,、 Left: 3.8cm,、 Right: 2.5cm
2. 頁首1.5cm、頁尾1.75cm
   1.5cm at the top of the page and 1.75cm at the end of the page

＜封面格式說明＞Cover Page Format Instructions

1.學校　　　標楷體36號字、置中 School model 36 word, center
2.單位　　　標楷體26號字、置中 Unit of the scale 26 word, center
3.論文別　　標楷體26號字、置中 The paper is not a model 26 word, placed in
4.中文題目　標楷體22號字加黑、置中、可排二行 Chinese title The logo 22 word black, centered, can row two lines
5.英文題目　標楷體22號字加黑、字首大寫、置中、可排五行 English title The logo 22 word plus black, capitalization, center, can row five lines
6.研究生　　標楷體22號字、置中 Graduate student,22nd word, center
7.指導教授　標楷體22號字、置中 Guide Professor, the character 22, set in
8.出版年月　標楷體26號字、置中 Year of publication, the 26th word of the logo, in the middle

備註一：預設中文題目＋英文題目共7行(不含空格)，如二者合計超過7行，可將英文題目與指導教授之間，調整為一行；如仍不足，可將研究生姓名與出版年月之間，調整為一行。
Remark 1: The default format consists of a Chinese title and an English title, totaling 7 lines (excluding spaces). If the combined length exceeds 7 lines, adjust the English title and advisor information into a single line. If further adjustment is needed, merge the graduate student's name and the publication date into a single line.

備註二：如中文題目＋英文題目合計不足7行(不含空格)，請將多餘一行加在英文題目與研究生之間，如仍有多餘行數，請加一行在出版年月之下方。其餘加在指導教授與出版年月之間，或加在碩士論文與中文題目之間。

Remark 2: If the combined length of the Chinese and English titles is less than 7 lines (excluding spaces), add an extra line between the English title and the graduate student's name. If additional lines are still required, insert one below the publication date. Any remaining extra lines should be placed between the advisor information and the publication date or between the master's thesis label and the Chinese title.

亞洲大學 資訊工程學系

碩士論文 ○○○○○○○○○○○

○○○ 撰

年 月

亞洲大學資訊工程學系
碩士論文格式規範 Master's thesis format specification

注意事項 Precautions：

1. 論文採用單面打字為原則，內文之文字大小以12點為原則，行距為1.5倍行高。
   The paper adopts one-sided typing as the principle, the text size of the text is 12 points as the principle, the line distance is 1.5 times the line height

2. 中文內容請用「標楷體」字型，英文內容用「Times New Roman」字型。
   Chinese content please use the "label" type, English content in the "Times New Roman" type

3. 論文內文格式：(採 WORD 的預設值即可) In-paper format: (take the default value of WORD)

   (1) 邊界：Boundary

   上下邊界各為2.54 cm The upper and lower boundaries are 2.54 cm
   左右邊界各為3.17 cm: each m 3.17 cm

   (2) 與頁緣距離：Distance from the edge:

   頁首：1.5 cm　　　Top:1.5 cm
   頁尾：1.75 cm　　　End:1.75 cm

   (3) 章節格式：Chapter format:

   - ☐ 章次請使用第一章，第二章，………等中文數字編號，章名在同一行或下一行。
     Please use the first chapter, the second chapter ,......... The Chinese number number, the title on the same line or the next line.

   - ☐ 章次及章名請盡量位於當頁版面的頁首頂端。
     Chapters and chapter names please try to be at the top of the page.

   - ☐ 章、節、段的編號請使用第一章.第一節、第三章.第二節.第五段或者1.1 , 3.2.5 , ……等有層次順序之中文或阿拉伯數字。
     The number of chapters, sections, and paragraphs shall be numbered using chapter sione. and so on, the Chinese or Arabic numerals in a hierarchical order. 3.2.5

   - ☐ 節次、段次及名稱自版面左端排起。
     Sections, segments, and names are lined up at the left end of the layout.

   (4) 頁碼格式：Page format:

   - ☐ 中文摘要至表目錄以 i , ii , iii , ………等小寫羅馬字連續編頁。

Chinese summary to table directory to i , ii , iii , ... and so on lowercase Roman characters are continuousized.

☐ 論文本文至簡歷以1 , 2 , 3 , ………等阿拉伯數字編頁。

This paper to resume with 1, 2, 3, ... and so on Arabic numerals.

(5) 圖檔格式：Figure file format:

為避免轉檔時產生錯誤，請您使用以下圖型檔案格式：
.gif 和.jpg 格式（盡量不要使用.bmp 格式，如有其他圖檔格式，請先轉成 gif 和 jpg 格式，以免檔案太過龐大）

To avoid errors when transposing, use the following figure file formats:
.gif and .jpg formats (try not to use the .bmp format, if you have other figure file formats, first switch to gif and jpg formats so that the files are too large)

1. 封面 Cover

☐ 系所名稱 Name of the department

☐ 論文題目 Title of the paper

- o 清楚而具體的描述研究主題與範圍 A clear and specific description of the subject and scope of the study
- o 簡潔 Simple
- o 表達主要的研究成果 Expressing key research results
- o 避免用縮寫 Avoid abbreviations
- o 避免自創名詞 Avoid self-created nouns

☐ 指導教授姓名 Guide professor's name

    ☐ 研究生姓名 Postgraduate Name

☐ 日期 Date

2. 論文口試委員會審定書 Papers oral examination committee validation

請參閱**附件5**。
Please refer to **Appendix 5**.

3.中文摘要 Chinese Summary

摘要等於是整篇論文的縮影，因此摘要的撰寫必須提綱契領，內容必須清楚而且不能太過冗

長。對於整篇論文必須能給予一個清晰概括的輪廓。

A summary is a microcosm of the entire paper, so the abstract must be written with an outline, clear and not too lengthy. The whole paper must be able to give a clear outline.

4.英文摘要 English Summary

☐ 對於內容與細節的概括說明 A summary of the content and details

☐ 對於研究重點與主要貢獻作彙總 Summary of research priorities and major contributions

摘要等於是整篇論文的縮影,因此摘要的撰寫必須提綱契領,內容必須清楚而且不能太過冗長(以一頁為原則)。對於整篇論文必須能給予一個清晰和概括的輪廓。 並於後面加上數個關鍵字。A summary is a microcosm of the entire paper, so it must be written with an outline, clear and not too lengthy (one page as the principle). For the whole paper must be able to give a clear and general outline. And add a few keywords after that.

5.目錄 Directory

將論文內容各章節之標題按出現順序列出。

The titles of the chapters of the paper are listed in order of appearance.

6.圖目錄 Chart Catalog

按出現順序排列,並標出所在頁次。要有圖名,宜以章來分別,例如圖1.1及圖2.3表示第一章第一圖及第二章第三圖。In order of occurrence, and mark the page where you are. To have a chart name, it is advisable to use the chapter sits separately, for example, Figure 1.1 and Figure 2.3 represent the first figure of chapter one and the third figure of chapter two.

論文內文中,圖名應置於圖之下方,例如:In the paper, the title should be placed below the graph, for example:

圖2.3 賽跑 Figure 2.3 Race

7.表目錄 Table Directory

按出現順序排列，並標出所在頁次。要有表名，宜以章來分別，例如表1.1及表2.3表示第一章第一表及第二章第三表。In order of occurrence, and mark the page where you are. To have a table name, it is advisable to use the chapter sits separately, for example, Table 1.1 and Table 2.3 for The first and first forms of chapter TWO, and the third table.

論文內文中，表名應置於表之上方，例如：In the paper, the table name should be placed above the table, for example:

表3.5 資訊科技學系碩士暨在職專班班九十二學年度碩士學位論文 Table 3.5 Master's in Information Technology and 92nd Annual Master's degree Thesis in In-Service Class

學期 Semester	學生 Students	論文題目 Title of the paper	指導教授
92	金凱儀	An Interactive Script Based Software Agent Mechanism	林志敏

8.論文本文 This article

□ 第一章　緒論 Chapter One Introduction

- □　研究背景 Research background
- □　研究動機 Research motives
- □　研究目的 Research purposes
- □　研究範圍 Surrounding hair
- □　研究方法 Research methods
- □　研究流程 Research process
- □　章節結構 Chapter structure

緒論就是要引導讀者進入文章的核心，所以緒論的內容必須說明做這篇論文的動機，同時點出所要探討的問題為何，以及解決這個問題的重要性。在這個部分可以提到目前對於這個問

題的相關研究成果為何？甚至這些相關研究的優缺點為何？還有我們的研究成果與他們的研究成果差別在哪裡？最重要的是，我們的方法比他們的方法好在那裡？Introduction is to guide the reader into the core of the article, so the content of the introduction must explain the motivation to do this paper, and at the same time point out the problem to be discussed, and the importance of solving the problem. In this section, what are the current research findings on this issue? What are the advantages and disadvantages of even these related studies? And where are our findings different from theirs? Most importantly, where is our method better than their method?

□ 第二章　相關文獻回顧(評論) Chapter II Review　of Related Literature (Review)
- □　選取學術價值高者 Participants Select those with high academic value
- □　研究形成的背景資料 Background data for research
- □　與研究主題有關的論文 Papers related to research topics
- □　與研究架構有關的論文 Papers related to research architecture
- □　與研究方法有關的論文 Papers related to research methods

這個部分最主要就是回顧一些相關的研究方法，同時提出比較對象。在導論中已提到關於相同問題的相關研究有哪些，在這一節我們則可以將別人的方法作簡短的介紹，讓讀者有更多的了解，以便稍後與我們的方法做比較。The main part of this section is to review some relevant research methods and propose comparison objects. What are the related studies on the same issue mentioned in the introduction, in this section we can introduce the other people's methods briefly so that the reader can know more about it so that we can compare it later with our methods.

□ 第三章　論文主體 Chapter Three Thesis
- □　研究方法 Research methods
- □　理論基礎 The theoretical basis
- □　方法架構 Method architecture

主體的部分就是將自己所提出的方法呈現出來，是整篇論文的核心。在這個部分大多是只提出一個方法，避免提出好幾個互相廝殺的方法。例如提完方法一又提出一個比方法一更好的方法二，之後又提出比方法二更好的方法三…，最後才提出最好的方法五，如此一來造成文章太過冗長，二來呈現出方法一到方法四毫無存在理由的矛盾，而因其所佔篇幅，致使讀者在看完一大半文章才找到整篇文章真正的重點，無異是另一文章重點未能適得其所的遺憾；除非，所提出的各種方法皆有其存在的條件，比如：在條件一的情形下可能方法一比較好，方法二則在條件二成立之下有較好的效率…，當條件五成立時方法五會有較好的效率等等。The main part is to present the method proposed by itself, which is the core of the whole paper. In this part, most lying out only one method, avoiding several methods of killing each other. For example, after mentioning the method one better than method one method two, and then put forward a better method than method two method three..., and finally put forward the best method five, so as to make the article too long, two to present the method one to method four no reason for the

contradiction, and because of its length, so that the reader in reading a large part of the article to find the real focus of the whole article, is the other article focus can not be appropriate to its regret; For example: in the case of condition one may be a better method, method two in the establishment of condition two has a better efficiency ... when the condition five is established method five will have better efficiency and so on.

□ 第四章　實證分析 Chapter Four Empirical Analysis

☐ 資料分析 Data analysis
☐ 統計分析 Statistical analysis
☐ 實驗設計 Experimental design
☐ 模擬分析 Simulation analysis
☐ 系統評估與滿意度分析 System assessment and satisfaction analysis

這是非常重要的一章，也是整篇論文的樑柱。論文內容的正確性、適當性與可行性在這一章表現。在前面一章我們對所提出的方法侃侃而談，這一章我們就必須以理論來分析方法的正確性、適當性與可行性。我們必須利用相關的理論來做分析比較，除了以理論基礎來證明我們所提出的方法具有正確性、適當性與可行性外，我們還可以藉此與其他的方法做比較，同時證明我們的方法優於其他方法。在這一　章，我們可以提出一些實驗數據來證明理論分析的正確性與優越性，也可在理論分析不夠強而有力的情形下，佐以實驗數據來加以證明。然而實驗數據必須客觀，如果能多與一些有名的實驗數據比較則效果更好，而且實驗數據不能太少，否則便失去其 代表性。針對理論分析與實驗，我們可以做一些討論，檢視一些我們所觀察的現象或者提出我們的心得與看法，也可加入一些批判的意見。This is a very important chapter, but also the pillar of the whole paper. The correctness, appropriateness and feasibility of the contents of the thesis are shown in this chapter. In the previous chapter, we talk about the proposed methods, in this chapter we must use theory to analyze the correctness, appropriateness and feasibility. We must use the relevant theories to make analysis and comparison, in addition to the theoretical basis to prove that the method we proposed is correct, appropriate and feasible, we can also use this to compare with other methods, and prove that our method is superior to other methods. In this chapter, we can put forward some experimental data to prove the correctness and superiority of theoretical analysis, but also in the case of theoretical analysis is not strong enough, the experimental data can be used to prove it. However, the experimental data must be objective, if you can compare with some well-known experimental data is better, and the experimental data can not be too small, otherwise it will lose its representative. For theoretical analysis and experiments, we can do some discussion, examine some of the phenomena we observe or put forward our ideas and opinions, but also can add some critical opinions.

□ 第五章　結論與建議 Chapter 5 Conclusions and Recommendations

□

　　□ 結論 Conclusions
　　□ 研究限制 Research Limitations
　　□ 研究成果★ Research Results
　　□ 研究貢獻 Research contributions
　　□ 後續研究方向 The direction of the follow-up study

結論是整篇論文的收尾，要收的漂亮就要簡潔有力，太過冗長一樣失去它的意義，因此結論與摘要是非常相似的兩個部分，但是不要用完全一樣的句子描述。通常結論的部分必須針對論文的 成果和應用(以及範圍、限制)做說明。此外，特別必須強調論文所做的貢獻，以凸顯論文的價值，最後可以點出一些值得思考的問題，或者提出未來可以做的研究方向供讀者參考。The conclusion is the end of the whole paper, to receive the beautiful to be concise and powerful, too long to lose its meaning, so the conclusion and summary is very similar to the two parts, but do not use exactly the same sentence description. Usually the part of the conclusion must be described in terms of the outcome and application of the paper (as well as the scope, limitations). In addition, it is particularly important to emphasize the contribution of the paper to highlight the value of the paper, and finally can point out some questions worth thinking about, or put forward the future can be done research direction for the reader's reference.

9.參考文獻 References

□ 書籍

　　o 作者，書名(版次)。出版地：出版者，出版日期。

Ex.

[1] 張素梅，統計學。台灣：三民書局，1997年 2月。

[2] N. Enger and P. Howerton. *Computer Security*. New York: Amacom, 1980.

□ 期刊論文

　　o 作者，” 論文題目”，期刊名稱，卷數，期數，出版日期，頁次 。

　　Ex.

[1] 林亮廷及黃智任，“數位浮水印與智慧財產權的保護”，影像與識別，第五卷，第三期，110-116頁。

[2] B. B. Chai, J. Vass, and X. Zhuang, "Significance-linked connected component analysis for wavelet image coding," *IEEE Transactions on Image Processing*, Vol. 8, No. 6, June 1999, pp. 774-784.

10.附錄

☐ 附錄 A

☐ 附錄 B

☐ 附錄 C

11.誌謝

☐ 針對在做研究及論文撰寫過程中，支持和協助你的人，表達感謝之意，以一頁為原則。