

# 中原大學電子工程學系博士班修業辦法

## Chung Yuan Christian University Department of Electronic Engineering Academic Guideline for Ph.D. Program

110年7月21日109學年度第2學期第3次教務會議通過  
Passed by the 3rd Academic Affairs Meeting of the 109  
Academic Year (2nd Semester; July 21, 2021)

111年1月19日110學年度第1學期第2次教務會議修正  
Amended on January 19, 2022, during the 3rd Academic Affairs Meeting of the 1st Semester of the 110th Academic  
Year

111年7月20日110學年度第2學期第2次教務會議修正  
Amended on July 20, 2022, during the 2nd Academic Affairs Meeting of the 2nd Semester of the 110th Academic Year

第1條 本學系依據中原大學各類學位名稱訂定程序授予要件及代替碩士博士論文認定辦法、  
中原大學研究生學位考試作業規章，訂定本辦法。

Art. 1 This guideline is made in accordance with the “Regulations for Master’s and Doctoral  
Degrees Conferment of Chung Yuan Christian University” and the “Regulations of Graduation  
Examination for Postgraduates in Chung Yuan Christian University (中原大學研究生學位考試作  
業規章).”

第2條 本學系博士班授予學位之中文、英文名稱如下：

Art. 2 The Chinese and English titles of the degrees conferred by the Ph.D. program of the  
Department are as follows:

學系(所、學位學程) 中文、英文全稱 Department (Institution, Degree Programs) Full Title in Chinese and English	授予學位名稱 Awarded Degree Title	
	中文、英文名稱 Chinese / English Title	英文縮寫 English Abbreviati on
電子工程學系	工學博士	
Department of Electronic Engineering	Doctor of Philosophy	Ph.D.

第3條 本學系博士班應修科目及學分依附表一之規定。

Art. 3 The required subjects and credits for the Ph.D. program shall be in accordance with the  
regulations in Attachment 1.

第4條 論文指導

- 1、 研究生應於入學第一學期前選定論文指導教授。
- 2、 研究生因故更換指導教授，須提出「更換指導教授同意書」，且經原指導教授及  
系主任同意，始得更換。
- 3、 研究生選課應先與指導教授討論，且須經指導教授同意，方得修習。

Art. 4 Thesis Supervision

1. Graduate students must select their thesis advisor before the end of the first semester of enrollment. The advisor is responsible for the student's academic and research guidance.
2. If a student needs to change their advisor, they must submit a "Consent Form for Changing Advisor," which must be approved by both the original advisor and the department chair before the change can be made. The advisor must be a full-time assistant professor or higher within the department.
3. Students must discuss their course selection with their advisor and obtain their approval before enrolling in any courses.

#### 第5條 博士學位候選人資格考核

- 1、 研究生入學或逕行修讀一學期後始得申請資格考試，且應於入學或逕行修讀四年內(不含休學期間)通過，未依規定年限通過資格考者，應予退學。
- 2、 資格考核委員會由系務會議推舉本系專任助理教授以上四人(含)組成，主任為當然委員並擔任召集人。依本系「資格考施行細則」辦理有關考試事宜。

#### Art. 5 Ph.D. Candidate Qualification Examination

1. Graduate students may apply for the qualification examination after enrolling or after completing one semester of direct study. They must pass the qualification examination within four years of enrollment or direct study (excluding periods of leave). Students who do not pass within the specified time frame will be dismissed.
2. The Qualification Examination Committee is composed of four or more full-time assistant professors or higher, nominated by the departmental meeting. The department chair is an ex officio member and serves as the committee chair. The examination is conducted in accordance with the department's "Implementation Details of the Qualification Examination."

#### 第6條 學術發表

研究生在學期間須發表至少 1 篇國際水準期刊(或同等級)論文，經指導教授同意推薦，提出論文審核申請；由博士班委員會依本系「博士班研究生畢業查核要點」審核通過，方可提學位考試。

#### Art. 6 Academic Publication

During their study period, graduate students must publish at least one paper in an international standard journal (or an equivalent level journal). With the advisor's recommendation and consent, the student can submit the paper for review. The Ph.D. Committee will review and approve the paper according to the department's "Graduation Verification Guidelines for Ph.D. Students" before the student can apply for the degree examination.

#### 第7條 學位論文

- 1、 博士學位論文得以英文或中文撰寫，其論文研究題目、研究動機與目的、文獻探討、研究架構及方法等應符合本所半導體組、晶片設計組、通訊系統組、人工智慧組及其他電子等相關專業領域，且須於修讀博士學位期間所作。
- 2、 應於畢業當學期初提交論文計畫書，並以書面審查方式，經博士班委員會總人數 2/3 委員查核通過，方得申請學位考試。
- 3、 論文須經論文原創性比對檢核，結果經指導教授確認無違反學術倫理情事後，繳交「論文比對結果確認書」。
- 4、 博士班研究生對專業符合審查結果如有異議，得檢具書面資料與說明向所屬學院申請複審。

#### Art. 7 Dissertation

1. Ph.D. dissertations can be written in either English or Chinese. The research topic, motivation, objectives, literature review, research framework, and methods should align with the professional fields of the department, such as semiconductors, chip design, communication systems, artificial intelligence, and other related electronics areas. The research must be conducted during the Ph.D. study period.
2. The dissertation proposal must be submitted at the beginning of the graduation semester. It will undergo a written review and must be approved by two-thirds of the total members of the Ph.D. Committee before the student can apply for the degree examination.
3. The dissertation must undergo an originality check. Once the advisor confirms that there are no violations of academic ethics, the student must submit the "Thesis Originality Check Confirmation."
4. If a Ph.D. student disagrees with the professional field review results, they may submit written materials and explanations to apply for a re-evaluation by the affiliated college.

第8條 本辦法未盡事宜悉依本校學則及相關法令規定辦理。

Art. 8 For matters not covered in this academic guideline, follow the related regulations of the Ministry of Education and Chung Yuan Christian University.

第9條 本辦法經教務會議通過後公布施行，修正時亦同。  
本辦法適用於自 111 學年度起研究所入學學生。

Art. 9 This academic guideline and any subsequent changes is passed and approved by the Academic Affairs Committee. This guideline is applicable to students enrolled in graduate programs from the 111 academic year onward.

\*Disclaimer: In the event of any difference in interpretation or meaning between the Chinese and English version of this guideline, the Chinese version shall prevail.

中原大學 **電子工程學系** 博士班 應修科目及學分表

List of Required Courses and Credits for **Ph.D. Program**  
**in the Department of Electronic Engineering** at  
 Chung Yuan Christian University

(適用 **112** 學年度入學學生)

(Applied to students enrolled in the **112** academic year)

科目名稱 Subject Title	期程 Semester	學分數 Credits	擋修科目及續修條件 Prerequisites & Conditions for continuation	
			科目名稱 Subject Title	限制 Conditions
學系必修 科目 Compulsory Subjects	論文 Thesis	全 Full	12(6,6)	
	書報討論(一) Seminar (I)	全 Full	2 (1,1)	
	書報討論(二) Seminar (II)	全 Full	2 (1,1)	
	合計(論文另計) Total (excluding the thesis)		4	

畢業學分結構表  
 Credits for Graduation

性質 Types of Courses	學分數 Credits	說明： 一、全校性規定： 1. 自 105 學年度起外籍研究生入學學生，須修讀華語課程及通過華語文能力測驗 (TOCFL) 基礎級考試，取得基礎級證書，始得畢業。 2. 有關修課，成績等相關規定請參考學則。 二、學系畢業規定： 1. 逕行修讀博士學位者應修 32 學分，方得畢業(不含論文)。
1、學系必修 Compulsory Courses of the Department	4	
2、學系選修 Elective Courses of the Department	14	
3、研究生通識選修 General Electives for Graduate Students	2	
畢業應修最低學分數 (論文另計) Minimum number of credits for graduation (Thesis is not included)	20	Explanation: <b>1. University-wide regulations:</b> a. Since the 105 academic year, foreign graduate students must take Chinese courses and pass the Band A level test of the Test of Chinese as a Foreign Language (TOCFL) and

obtain an A2 certificate before graduation

- b. Please refer to the Academic Regulations for courses and grades

**2. Department Graduation**

**Regulations :** Students who directly pursue a Ph.D. degree must complete 32 credits (excluding the dissertation) to be eligible for graduation.

經 111 年 7 月 6 日 110-2-3 校級課程委員會通過。

Passed by the 110-2-3 University Curriculum Committee on July 6, 2022

經 111 年 7 月 20 日 110-2-2 教務會議通過。

Passed by the 110-2-2 Academic Affairs Meeting on July 20, 2022