

國立東華大學電機工程學系碩士班修業要點
Department of Electrical Engineering, National Dong Hwa University
Degree Requirements for the Master Program

98.03.04 97 學年度第 10 次系務會議通過
98.06.11 97 學年度第 2 次教務會議通過
99.04.14 98 學年度第 2 學期第 3 次系務會議通過
99.06.09 98 學年度第 2 學期第 2 次教務會議通過
100.4.19 99 學年度第 2 學期第 3 次系務會議通過
100.06.22 99 學年度第 2 學期第 2 次教務會議通過
101.3.21 100 學年度第 2 學期第 2 次系務會議通過
109.1.3 108 學年度第 1 學期第 2 次系務會議通過
109.04.13 108 學年度第 2 學期第 1 次院務會議通過
109.06.10 108 學年度第 2 學期第 2 次教務會議通過
109.11.27 109 學年度第 1 學期第 3 次系務會議通過
109.12.14 109 學年度第 1 學期第 2 次院務會議修訂通過
109.12.30 109 學年度第 1 學期第 2 次教務會議通過
110.12.14 110 學年度第 1 學期第 2 次系務會議通過
110.12.28 110 學年度第 1 學期第 2 次院務會議修訂通過
111.03.02 110 學年度第 2 學期第 1 次教務會議修正通過
112.12.20 112 學年度第 1 學期第 4 次系務會議修訂通過
113.4.16 112 學年度第 2 學期第 1 次院務會議修訂通過
113.6.5 112 學年度第 2 學期第 2 次教務會議通過

一. 法源依據：

國立東華大學電機工程學系為規範碩士班研究生修業事項，依據本校「學則」、「博士班、碩士班研究生學位考試辦法」及相關規定，訂定本修業要點。

I. Legal foundation:

All the requirements in this document have been formulated in accordance with NDHU's Academic Regulations, Regulations of Master and Doctoral Degrees Examination, and other relevant laws and regulations.

二. 入學資格：

1. 經本校碩士班招生考試錄取者(含甄試)。
2. 外國學生依本校「外國學生申請入學辦法」規定錄取者。
3. 符合本校「學生轉系、所辦法」規定錄取者。

II. Enrollment qualifications:

Students who are admitted to the master program

- 1 by passing the Recommendation and Screening Test or Entrance Exam,
 - 2 by NDHU's Admission Guidelines for Foreign Students,
 - 3 by NDHU's Regulations for Transferring Department,
- are able to proceed with enrollment accordingly.

三. 畢業條件及修業年限：

1. 在修業年限內，依課規修讀所需課程學分，並完成學業論文考試。
2. 碩士班一般生修業以一至四年為限。

III. Graduation requirements and study period:

- 1 Students must complete the courses required by the curriculum plans and finish the Master

Degree Examination Thesis Defense.

- 2 The Master program takes at least one year and up to four years at most.

四. 修課規定：

1. 詳如課程規劃表。
2. 碩士生入學前所修習之理工相關系所碩士班課程，成績達 B-(或七十分)以上，且不列入大學部畢業學分，經指導教授及課程委員會同意，可抵免碩士班畢業學分數上限為6學分。
3. 依「大學生連續修讀碩士學位實施要點」規定入學者，若修習本系碩士班課程成績達B-(或七十分)以上，且不列入大學部畢業學分，經本系指導教授及課程委員會同意，可抵免碩士班畢業學分數不受二分之一的限制。

IV. Course requirements:

- 1 Every student must complete necessary course credits according to the curriculum of the Master program of the department.
- 2 Master-level courses related to science and engineering taken before entering Master program with grades above B- (or 70) and without classifying as the credits for obtaining the bachelor degree can be admitted by the consent of the advisors and the curriculum committee, up to 6 credits.
- 3 For a student admitted to the Master program by the Guidelines of Five-year Bachelor and Master Combined Degree Program, Master-level courses taken during the student's undergraduate study with grades above B- (or 70) and without classifying as the credits for obtaining the bachelor degree can be admitted into the Master degree graduation credits, by the consent of the advisors and the curriculum committee, exempt from the rule of no more than 1/2 of the total credits allowed.

五. 論文指導規定：

1. 指導教授必須為本系助理教授(含)以上之專任(案)教師擔任。若有特殊原因，得經指導教授同意，選非本系之專任教師為共同指導教授。
2. 指導教授之選定，須於入學後一個月內完成，並繳交指導教授同意書。
3. 變更指導教授需經原指導教授、新指導教授及系主任之書面同意。

V. Regulations regarding the thesis advisory/supervision:

- 1 Thesis advisors including the major advisor and co-advisors have to be selected from the full-time faculty of the department of E.E. and be at least of the rank of assistant professors. Under special circumstances, co-advisors could be selected from the full-time faculty of other departments upon approval of the major advisor.
- 2 Students must select their thesis advisors and submit the letters of consent signed by the advisors within one month after their enrolment.

- 3 If thesis advisors have to be replaced, written permissions have to be obtained from the original advisor, the new advisor, and the department chairperson.

六. 學位考試之條件：

1. 須指導教授同意後，方可提出學位論文考試申請。
2. 指導教授應確認碩士生論文題目與內容符合本系所專業領域。
3. 碩士生應提交論文相似度比對報告，有關比對報告需依本系論文相似度比對標準規定辦理。
4. 碩士班研究生之英文能力，在其修業期間需主動提出符合下列檢測標準之一的證明，方得申請學位考試：
 - (1) 通過CEFR EF SET語言能力參考指標B1：Threshold (進階級)，
 - (2) 托福iBT測驗成績61分以上、托福ITP測驗成績500分以上，
 - (3) 多益測驗成績600分以上，
 - (4) 國際英語測試-雅思 (IELTS) 5級以上，
 - (5) 全民英語能力分級檢定測驗(簡稱「全民英檢」GEPT)中級複試或中高級初試以上，
 - (6) 修習本校相關英文課程達一定成績以上。本系認定之本校相關英文課程分以下兩種：
 - A. 英美系開設課程，應與聽講、溝通、閱讀、寫作、翻譯與習作、科技英文相關，選修3學分，且成績須達B-以上。
 - B. 通識教育中心開設課程，應與聽講、溝通、閱讀、寫作、翻譯與習作、科技英文相關，程度二級以上，選修3學分，且成績須達B+以上。
 - (7) 其他相關有效英文檢測成績或修讀他校相關英文課程，須經由「研究生學術委員會」認定。

上述(1)~(5)項英語測驗成績於入學前2年內取得者，皆可視為有效之英文檢測成績。

VI. Prerequisites of thesis defenses:

- 1 Application of the Thesis Defense can only be submitted with the consent of the advisor.
- 2 The advisor should confirm that the topic and the content of the thesis are in line with the professional field of the department.
- 3 Every master student should submit a thesis similarity comparison report, and the relevant comparison report should be handled in accordance with the department regulations on thesis similarity comparison.
4. Master's students must demonstrate their English proficiency during their study period by meeting one of the following criteria to be eligible to apply for the master's degree examination:
 - i. achieving CEFR (Common European Framework of Reference for Languages) EF SET at least level B1 : Threshold,
 - ii. scoring at least 61 in TOEFL iBT or at least 500 in TOEFL ITP,
 - iii. scoring at least 600 in TOEIC,
 - iv. achieving IELTS at least level 5,

v. achieving the Intermediate Level Second Stage or the High-Intermediate Level First Stage of the GEPT (General English Proficiency Test).

vi. taking English courses as an alternative by fitting one of the following two conditions :

- A. taking courses offered by the Department of English, including listening, communication, reading, writing, translation and composition, or technical English, with a minimum of 3 credits and a grade at least B- ;
- B. taking courses offered by the General Education Center, covering listening, communication, reading, writing, translation and composition, or technical English, at level 2 or above, with a minimum of 3 credits and a grade at least B+.

vii. Other relevant valid English test scores or courses taken at other universities, subject to approval by the 'Graduate Academic Committee of the Dept. E.E.'

Scores obtained within 2 years before admission in the English tests mentioned in items (1) to (5) are considered valid.

七. 學位考試依本校「博士班、碩士班研究生學位考試辦法」規定辦理。

VII. The details of thesis defense are regulated in accordance with NDHU's Regulations of Master and Doctoral Degrees Examination.

八. 本要點未盡事宜依教育部學位授予辦法及本校相關規定辦理。

VIII. Matters not specified in these guidelines are handled in accordance with relevant Ministry of Education decrees and university regulations and rules.

九. 本要點經系(所)務會議、院務會議通過，並送教務會議審議通過後公告實施。

IX. These guidelines and all amendments are subject to ratification by the Department Faculty Meeting, College Council, and Academic Affairs Council before they are made public and implemented.