

國立雲林科技大學國際人工智慧管理研究所

International Graduate Institute of Artificial Intelligence, IAI

碩士班研究生修業要點

Regulations on Academic Studies for IAI Master Students.

110 年 6 月 1 日第 4 次籌備所務會議通過

Approved at the 4th preparatory institutional conference on June 1, 110

第一條

本辦法依據本校學則暨研究生學位考試辦法之規定訂定之，並須經所務會議三分之二以上成員出席，過半數同意通過後實施，修改辦法時亦同。本要點未盡事宜悉依本校學則及相關章則之規定辦理。

I

This set of Regulations is instituted in accordance with “National Yunlin University of Science and Technology Academic Regulations” and “Master Degree Examination”, which must be attended by more than two-thirds of the members of the conference. The Regulations are approved after more than half of the members agree. Revisions must follow the same procedure. Any issue not stated here will be resolved complying with Academic Regulations and other relevant rules and regulations set by National Yunlin University of Science and Technology.

第二條

本所修業期限以一至四年為限。

II

The period of study in the Program shall be one to four years.

第三條

本所學生須於規定修業年限內修畢規定之必修 18 學分(含修習碩士論文 6 學分)及本所所開設或相關他系開設經指導老師及所長同意之選修課程 15 學分，始完成學分部份之修業。本所承認外系課程 6 學分，限以英文授課課程。

III

Students must complete the required 18 credits (including 6 credits for master's thesis), and 15 credits for elective courses offered by IAI or relevant departments with the consent of the advisor and the director within the prescribed period of study. The institute admits 6 course credits from other departments, but the courses must be taught in English.

第四條

論文指導教師資格及指導數額之有關規定如後：

1. 本所助理教授 (含) 以上之教師，必要時得邀集校內外助理教授 (含) 以上之學者專家共同指導。兩學年度內每位教師指導學生以不超過八位為原則，超過部分需與本所其他教師共同指導。共同指導時，若兩位指導教授同為本所教授時，以二分之一位計算。學生需於第一學年第二學期開學前繳交「指導教授同意指導碩士論文聲明書」。
2. 離職教師之學生，轉由其他教師指導，不列入名額之計算。外加名額之外籍生，不列入名額之計算。
3. 每位研究生指導教授不得超過兩位。
4. 論文指導教師之申請與研究生擔任本所之教學助理無涉。

IV

Rules and regulations on thesis advisor and advising quota are as follows:

1. Assistant professors and above in our institute shall invite internal and external assistant professors and above from inside and outside of the university to co-advise students when necessary. In the two academic years, every advisor shall advise no more than eight students, and the excess part needs to be co-adviced by other faculty in our institute. When co-advicing, if both of the advisors are from the same institute, it will be counted as one half of the advisor. Students are required to submit the " Consent Form for Thesis Instruction " before the start of the second semester of the first academic year.
2. If advisors resign, the postgraduate will be advised by other faculty and will be excluded from the calculation of the quota. Additional quota for foreign students will be excluded from the calculation of the quota.
3. Every postgraduate shall have no more than two advisors.
4. Postgraduates and teaching assistants in our institute are disinterested in the application of thesis advisor.

第五條

論文計畫書口試。

1. 碩士論文計畫書口試委員會由指導教授與口試委員組成。委員會至少三人，設一召集人，由非指導教授的口試委員擔任。
2. 本所研究生須於第二學年第一學期結束前完成論文計畫書口試。逾期未完成者，不得於下一學期內提出論文口試申請。
3. 論文計畫書口試結果為：通過、加強後再審、不通過。
4. 加強後再審者，須於次學期開學後一週內，將修改後計畫書送各口試委員。由委員會召集人召集委員審查及評定。結果為通過或不通過。
5. 未通過論文計畫書口試者，得於次學期在指導教授同意下，再次提出論文計畫書口試申請，仍不及格者應予退學。

V

Proposal Defense

1. The Master's Proposal Defense Committee Members shall be comprised of the advisors and committee members. The committee consists of at least three members, and there shall be a convener. The convener shall be one of the committee members, and the advisors shall not be the convener.
2. Postgraduates must complete the thesis proposal defense before the end of the first semester of the second academic year. Those who fail to complete shall not apply for the thesis oral examination in the next semester.
3. Results of thesis proposal defense will be rated "approved," "approved upon revision" and "not approved".
4. If a proposal is given an "approved upon revision," the revised proposal shall be submitted to the defense committee within the first week of the next semester. The committee convener shall convene and review the revised proposal and agree to change the rating to "approved" before the proposal can be considered approved.
5. Those who fail the thesis proposal defense shall apply to retake the oral exam with the consent of the advisor in the next semester. If the student fails the re-examination, he/she shall be dismissed from the program.

第六條

研究生學位考試（論文口試）申請及完成期限依本校學年行事曆為準，並依本校「研究生學位考試辦法」及「申請學位考試暨畢業離校作業要點」辦理；學位考試有關補充規定如後：

1. 學位考試申請時，須已完成論文初稿，由論文指導教授建議校內外口試委員，並檢附學位考試申請書及審核表，由指導教授簽名同意後送所辦公室審查。

審查通過後會簽教務處，並簽請校長核聘口試委員。

2. 碩士學位考試委員會置委員三至五人(但指導教授有二人時應置委員四至五人)，其中校外委員人數不得少於三分之一。
3. 論文通過後，學生須於離校前按委員之指示，完成論文修改，並依論文格式完成繕改裝訂。
4. 論文原創性比對，不含參考文獻書目，相似度訂定為 20%，超過 20%則授權由指導教授斟酌裁定。

VI

Deadline for application and completion of master's thesis defense (thesis oral defense) is specified on the school academic calendar. The degree defense should be processed based on "National Yunlin University of Science and Technology Academic Regulations" and "Master Degree Examination" Supplementary regulations on thesis defense are as follows:

1. Before applying for master's degree examination, the completion of a first draft of thesis is needed. Thesis advisors recommend external oral examiners. Master's Thesis Defense Application Form, along with Thesis Review Form shall be submitted to the institute office with the approval signatures of the thesis advisors. Upon reviewed and approved by the Academic Affairs, the President shall approve the oral examiners.
2. The Master's degree examination board consists of 3 to 5 members. (If there are two thesis advisors, the examination board shall consist of four to five members.) At least one-third of the committee members must be from a university or an institute other than YunTech.
3. After the thesis is approved, postgraduates must amend the thesis according to the comments of the committee members, then submit the thesis according to the standard thesis format before leaving the school.
4. The similarity of the thesis is based on the principal of 20% and reference is exclusive of it. If the similarity is higher than 20%, adjudication of thesis will be authorized to the thesis advisors.

第七條

碩士論文口試委員會由指導教授與口試委員共同組成，由召集人擔任委員會主席，負責試場秩序之維持及各項程序之推動。主席由非指導教授的口試委員擔任。

學位考試委員資格規定如下：

碩士學位考試委員，除對碩士班研究生所提論文學科、創作、展演或技術性報告有專門研究外，並應具備下列資格之一：

1. 曾任教授、副教授或助理教授。
2. 中央研究院院士或曾任中央研究院研究員、副研究員或助理研究員。
3. 獲博士學位，在學術上有卓越成就。
4. 屬稀有性、特殊性學科，在學術或專業上著有成就者。

惟前述第 3、4 項之提聘及認定標準需經所務會議通過。

VII

The oral defense committee consists of thesis advisor and committee members. The convener of the committee shall be the chairman of the board who is responsible for maintaining the order of the examination room and holding the board procedures.

The qualifications of committee members are as follows:

The members of the examination board of the master degree examination shall be scholars and experts specializing in the disciplines related to the Master's degree candidate's thesis, creation, show or technical report and meet the following qualification requirements:

1. In the capacity of a professor, associate professor, or assistant professor.
2. In the capacity of a fellow of Academia Sinica or who has been a research fellow, associate research fellow or assistant research fellow at Academia Sinica.
3. Holder of a doctorate degree and demonstrated academic excellence.
4. With academic or professional achievement in distinctive or special academic disciplines.

The qualification requirements as stated in (3) and (4) shall be subject to the recognition of the institutional conference.

第八條

口試時間由主席控制，建議進行程序時間以 60 分鐘為原則，進行如下：

1. 主席致辭。
2. 碩士候選人報告論文內容 (20~30 分鐘) 。
3. 口試委員進行口試。
4. 請碩士候選人離開試場，口試委員討論並評定分數，主席結算分數後，召碩士候選人入場，宣告口試結果。
5. 口試委員與碩士候選人交換意見。

口試結束後，主席將評分表交本所助理。

VIII

The convener shall take control of the oral examination time, and the length of the procedure shall be on the principle of 60 minutes and proceeds as follows:

1. A welcome speech.
2. The Master's Candidate reports the content of thesis (20~30 minutes)
3. The committee members conduct the oral examination
4. The Master's Candidate leaves the examination room. The committee members assess the candidate's performance. After the convener grade the score, he/she shall summon the candidate to re-enter the examination room and announce the result of the examination.
5. The committee members and the candidate exchange their opinions.

After the oral examination is finished, the convener shall submit the scoring chart to the institute assistant.

第九條

每一試場設旁聽席若干，旁聽者不得以任何方式干擾口試進行。

IX

There will be several outside observers in each examination room. Outside observers cannot disturb the oral examination in any way.

第十條

依教育部規定，口試通過條件如下：

學位考試成績以七十分為及格，一百分為滿分，評定以一次為限，並以出席委員評定分數平均決定之。

X

As promulgated by the MOE, the conditions of passing the oral examination are as follows:

An average grade of at least 70 is required for the student to pass the examination. The highest grade is 100. The grade for the Master's Degree examination is determined by averaging grades from all present examiners.

第十一條

碩士論文口試結果為：通過、條件通過或不通過。

1. 通過：對論文內容滿意或僅須作小幅度修改，所需時間不超過兩星期，且修改內容可由指導教授監督執行者。

2. 條件通過：論文內容須作大幅度修改，所需時間不超過兩個月，且修正後結果需經該口試委員認可者。否則，視為不通過。
3. 不通過：論文內容不符碩士資格要求，需作大幅度修正，而估計修改時間在該學期結束之後。

XI

Three outcomes are possible from the oral defense of thesis defense: Passed, Reconfirmation Needed, Failed.

1. Passed: When the committee members are satisfied with the oral defense and only minor changes are recommended, it is deemed as Passed. The student is required to revise it under the supervision of his or her advisor in no longer than two weeks.
2. Reconfirmation Needed: If the oral defense does not unanimously persuade the committee members, the committee recommend major changes and they agree to reconfirm upon seeing the changes made accordingly, the defense is regarded as Reconfirmation Needed. The oral defense considered as Reconfirmation Needed is required to make major changes as recommended by the committee in two months and the revision has to be approved by the committee members before it is regarded Passed.
3. Failed: Once the oral defense is rejected because it fails to meet the requirements of a successful defense and no changes are able to make it persuasive in a short time, the graduate student will be asked to reschedule the oral defense no earlier than the end of that semester.

第十二條

論文若為「通過」時，口試委員應於口試結束時，於審定書之相關位置簽名。若為「條件通過」時，應俟該論文修改完成後，經認定修改內容符合要求，再予以簽名。

XII

Once the oral defense is deemed Passed, the committee members should sign on a written approval form immediately after the oral defense. If the oral defense is deemed as Reconfirmation Needed, the written approval form will be signed by the committee members only after it is revised accordingly and the approval is reconfirmed

第十三條

指導教授應於學生論文修正完畢，於「論文上傳同意書」簽名，同意論文上傳學校圖書館。同學於離校時繳交論文紙本 1 冊至所辦公室。

XIII

Once the thesis is successfully defended orally, the thesis advisors shall sign the “Letter of Authorization to Upload E-file of Thesis/Dissertation”. Postgraduates shall submit one hard copies of your thesis/dissertation to the Institute Office.

第十四條

自 110 學年度起入學之碩士班研究生，需透過教育部臺灣學術倫理教育資源中心修習「學術倫理教育」課程時數 6 小時，以入學第一學年結束前修畢為原則，未通過者，不得申請學位考試。

XIV

Starting from the Academic Year of 2021, all students of master’s degree programs must take the Academic Research Ethics Education for 6 course hours during their first year of enrollment at the on-line platform of the “Center for Taiwan Academic Research Ethics Education”. Within their first academic year, students must pass the exams on-line to receive the proof of course completion. Those who fail to pass the exam shall not apply for the Master’s Degree Exam.

第十五條

英文能力要求碩士班學生（不含身心障礙學生、在職專班學生及國際學生），須於畢業前通過本校規定之基本英語能力要求，使得畢業。

碩士班學生須於畢業前通過以下所訂定之基本英語能力標準其中一項，但學生入學前已通過本校英語能力要求者，成績證明具同等效力。

1. 全民英檢中高級以上。
2. 托福（TOEFL iBT）測驗 65 以上或 CEFR B2 以上程度。
3. 雅思（IELTS）5.5 級以上。
4. 新多益（NEW TOEIC）測驗成績 700 分以上。
5. 等同全民英檢中高級以上程度之各項英語檢定考試。

碩士班學生可選擇第二外語取代英語做為畢業門檻，需達 CEFR B2 以上程度。

參加以上所列校外各類英檢考試後，須於規定期間內上網登錄英檢系統；未通過標準者，應修習本校研究所「專技英文閱讀」課程通過，始可畢業。

XV

Postgraduates (excluding students with disabilities, students of in-service degree programs, and international students) are required to reach the threshold for English before graduation.

The requirements for English proficiency tests are listed below. Any exams (should meet the requirements) taken before the enrollment can be used to apply for English graduation threshold.

1. General English Proficiency Test (GEPT) High-Intermediate
2. TOEFL iBT test score 65 or above (CEFR B2 or above)
3. IELTS average band 5.5 or above
4. TOEIC score 700 or above
5. Any English proficiency exams equivalent to GEPT High-Intermediate

Second foreign language can be an alternative to English. (reach CEFR B2 or above)

Transcript should be uploaded to the on-line platform within the prescribed period of time. Those who fail to reach the threshold, shall take the course “English Reading for Specific Purposes”. Upon getting the course credit, you may graduate.

第十六條

本要點經所務會議通過後實施，修正時亦同。

XVI

The Regulations become effective after they are approved by the institutional conference. Revisions must follow the same procedure.