國立陽明交通大學產學創新研究學院前瞻半導體研究所碩士班修業規章

Regulations for the Master Program in the Institute of Pioneer Semiconductor Innovation, Industry Academia Innovation School, National Yang Ming Chiao Tung University

本規章適用於 115 學年度入學學生

These regulations apply to students admitted in the 2026-2027 academic year.

110 年 12 月 13 日產學創新研究學院前瞻半導體研究所 110 學年度第 1 次研究所教師會議制訂
110 年 12 月 14 日產學創新研究學院 110 學年度第 2 次管理委員會審議通過
110 年 12 月 16 日 110 學年度第 2 次教務會議審議通過
110 月 12 月 20 日產學創新研究學院 110 學年度第 3 次監督委員會備查
111 年 1 月 18 日產學創新研究學院前瞻半導體研究所 110 學年度第 3 次研究所教師會議修訂通過
111 年 4 月 19 日產學創新研究學院前瞻半導體研究所 110 學年度第 6 次研究所教師會議修訂通過
111 年 5 月 11 日產學創新研究學院 110 學年度第 5 次管理委員會審議通過
111 年 6 月 16 日 110 學年度第 4 次教務會議審議通過
111 年 08 月 08 日產學創新研究學院 111 學年度第 1 次監督委員會備查
112 年 03 月 21 日產學創新研究學院前瞻半導體研究所 111 學年度第 6 次研究所教師會議修訂通過
112 年 05 月 05 日產學創新研究學院 111 學年度第 6 次管理委員會審議通過
112 年 05 月 16 日 111 學年度第 3 次校課程委員會審議通過
112 年 09 月 14 日 112 學年度第 1 次監督委員會備查
113 年 03 月 27 日產學創新研究學院前瞻半導體研究所 112 學年度第 8 次研究所教師會議修訂通過
113 年 04 月 23 日產學創新研究學院 112 學年度第 2 次院課程委員會審議通過
113 年 05 月 20 日 112 學年度第 3 次校課程委員會審議通過
113 年 07 月 22 日產學創新研究學院 112 學年度第 5 次管理委員會審議通過
113 年 07 月 29 日 112 學年度第 4 次監督委員會備查
114 年 03 月 21 日產學創新研究學院前瞻半導體研究所 113 學年度第 7 次所課程委員會議修訂通過
114 年 03 月 28 日產學創新研究學院前瞻半導體研究所 113 學年度第 8 次所教師會議修訂通過
114 年 04 月 15 日產學創新研究學院 113 學年度第 3 次院課程委員會審議通過
114 年 05 月 12 日 113 學年度第 3 次校課程委員會審議通過
114 年 05 月 28 日產學創新研究學院 113 學年度第 4 次管理委員會審議通過
114 年 12 月 03 日產學創新研究學院 114 學年度第 1 次監督委員會議備查
115 年 03 月 10 日產學創新研究學院前瞻半導體研究所 114 學年度第 3 次所課程委員會議修訂通過
115 年 03 月 23 日產學創新研究學院前瞻半導體研究所 114 學年度第 6 次所教師會議修訂通過
115 年 04 月 20 日產學創新研究學院 114 學年度第 2 次院課程委員會審議通過
115 年 05 月 14 日 114 學年度第 4 次校課程委員會審議通過
115 年 07 月 23 日產學創新研究學院 114 學年度第 3 次管理委員會審議通過

第一條 入學資格

Article 1 Admission Requirements

一、依據本校碩士班甄試及入學考試合格錄取者。

Applicants who have passed the NYCU's Master's program screening and entrance examination and have been officially admitted.

二、本校研究所碩士生修業滿一學期以上，經原系所同意後，再經本所所長邀請相關領域專任教師召開研究所教師會議（以下簡稱研究所教師會議）專案討論，決定是否准予轉入及附加條件轉入。

Master's students of the University who have completed at least one semester of study may, upon the consent of their original department / institute, apply for a transfer. The Director of the Institute shall then invite full-time faculty members in relevant fields to convene a Graduate Faculty Meeting (hereinafter referred to as the "Meeting") for a special case discussion to determine whether to approve the transfer, with or without additional conditions.

三、其他入學資格將依國家重點領域產學合作及人才培育創新條例、大學法、主管機

關及本校相關規定辦理。

Other categories of admission shall be governed by the Act for National Key Fields Industry–Academia Cooperation and Talent Cultivation, the University Act, relevant MOE regulations, and applicable NYCU rules.

第二條 修業年限

Article 2 Duration of Study

本所碩士生修業期限以 1 至 4 年為限。

The period of study for Master's students of the Institute is limited to a range of one to four academic years.

第三條 課程學分規定

Article 3 Course and Credit Requirements

一、本所碩士班研究生於畢業前至少須修滿專業課程 24 學分，其中包括主修組別之核心課程至少 6 學分以及專業選修課程至少 12 學分；修業期間，論文研討應加總通過 2 學期，並完成碩士論文。論文研討不計入專業課程 24 學分中。論文研討課程可用本學院產學研究課程(業師課程或企業實習)申請免修，同意免修之產學研究課程不得計入應修學分數 24 學分。

Master students must complete at least 24 credits of technical courses approved by the Institute. These credits must include at least 6 credits of core courses from the student's major track and at least 12 credits of technical elective courses. During the period of study, students must pass a total of two semesters of "Seminar" and complete a Master's thesis. Credits earned from "Seminar" shall not be counted toward the minimum requirement of 24 technical course credits. Students may apply for a waiver for the "Seminar" course by completing the College's Industry-Academia Research courses (e.g., industry-expert courses or corporate internships); however, such waived courses shall not be counted toward the 24-credit requirement.

二、學術研究倫理教育課程採網路教學方式實施，為必修教育課程，但不計入專業課程學分。

(一)、學生於修業期間(建議入學後第一學期內)，至「臺灣學術倫理教育資源中心」平台修習本課程，並應通過課程總測驗成績達及格標準。

(二)、總測驗成績未達及格標準之學生，不得申請學位考試。

Academic Research Ethics education is mandatory, online-delivered, and does not count toward course credit requirements.

- Students shall complete the course—preferably within the first semester—through the “Center for Taiwan Academic Research Ethics Education” platform and must pass the final assessment.
- Students who fail to pass the assessment may not apply for the degree examination.

第四條 學分抵免

Article 4 Credit Transfer

一、重考、重新申請入學或依照法令規定先修讀學分後考取修讀學分之研究生申請抵免，抵免學分數以應修畢業學分數 1/2 為限(論文研討不得抵免)。一貫修讀碩博士班之研究生的可抵免學分數不受此限制。

Students who are readmitted, re-enroll, or take courses prior to admission under applicable regulations may apply for credit transfer. The maximum number of transferable credits shall not exceed one-half of the graduation credit requirement (Seminar courses may not be transferred). This restriction does not apply to students admitted through integrated bachelor–master or bachelor–PhD programs.

二、研究生入學前所修之與本所相關領域課程學分，且不計入其前一級學位畢業學分，須於入學後第一學期開學後一週內向本所提出申請抵免，申請時請繳交各科成績單及課程內容說明。

Credits earned prior to admission that pertain to fields relevant to the Institute and were not counted toward a previous degree may be transferred. Applications must be submitted within one week after the beginning of the first semester of enrollment, accompanied by official transcripts and course syllabi.

三、申請抵免科目限五年內(含)所修且成績達 70 分(等第制 B-)以上。

Only courses completed within the past five years with a minimum grade of 70 (or B– under letter grading) are eligible for transfer.

第五條 論文指導規定

Article 5 Dissertation Supervision

一、碩士班研究生在新生辦理報到後，應於本所規定時間內根據其入學組別登記確定指導教授，繳交「碩士論文指導教授協議書」。論文指導教授應由本所助理教授或以上職級之專任（或合聘）教師擔任。因研究合作需要，得邀請校內外產業界或學術界專家擔任共同指導教授。共同指導教授之資格，須符合教育部學位授予法所規定之碩士學位考試委員資格。若擬聘之專家未擔任助理教授或以上職級之專任教職，其資格應提交予研究所教師會議進行審核。

本校教師與研究生具有配偶、三親等內之血親或姻親，或曾有上述關係者，不得擔任其論文指導教授。

Master’s students shall determine their dissertation advisor according to their admission track within the timeframe prescribed by the Institute and submit the "Master's Thesis Advisor Agreement." The advisor must be a full-time (or jointly appointed) IPSI faculty member at the rank of assistant professor or above. Based on research collaboration needs, industry or academic experts from within or outside the university may be invited to serve as co-advisors. Co-advisors must meet the qualifications for Master’s degree examination committee members as stipulated by the Ministry of Education's Degree Conferral Act. If a proposed co-advisor does not hold a full-time faculty position at or above the rank of assistant professor, their credentials must be submitted to the Institute Faculty Meeting for qualification review.

Faculty members who are the spouse, former spouse, or a relative within the third degree of kinship (by blood or marriage) of the student may not serve as advisor.

二、本所碩士生欲選外系所或外校老師為共同指導教授時，須經指導教授與所長同意。

Students wishing to appoint a co-advisor from another department or institution must obtain approval from both the primary advisor and the Institute Director.

三、碩士生無法覓得指導教授或指導教授因生病、辭職、出國或其他因素無法再繼續指導時，本所將提供必要之協助。

If a student is unable to secure an advisor, or if the advisor becomes unable to continue supervision due to illness, resignation, overseas assignment, or other reasons, the Institute shall provide necessary assistance.

四、碩士生如擬終止論文指導關係或更換指導教授，應以書面通知本所及原指導教授及完成各項交接事務且完成簽署新指導教授協議書流程後生效。

To terminate a thesis supervision relationship or change advisors, a student must submit a written notification to the Institute and the original advisor. The change shall take effect only after all handover duties are completed and a new "Thesis Advisor Agreement" is officially signed.

五、指導教授欲終止指導關係，應以書面文件向本所提出申請，審查結果由本所通知碩士生。終止指導關係後，本所得協助碩士生另覓指導教授。

Advisors intending to terminate supervision must submit a written request to the Institute. The Institute shall notify the student and assist in securing a new advisor as necessary.

六、簽訂更換指導教授協議書之日期至口試日期計算須相隔半年以上，若有未符合規

定欲申請畢業者，須經所長邀請相關領域專任教師開會審議核可。

At least six months must elapse between the signing of a new-advisor agreement and the oral defense. Students who do not meet this requirement must obtain approval through a review meeting convened by the Institute Director with full-time faculty members in relevant fields.

七、碩士生由原指導教授提供原始構想或概念及受指導下所獲得之研究成果，須經原指導教授同意，始得公開發表或作為學位論文使用。

Research outcomes derived from original concepts or ideas provided by a former advisor and obtained under the former advisor's supervision may be published or used in the dissertation only with the former advisor's consent.

八、論文指導依本校論文指導教授與研究生互動準則辦理。

Dissertation supervision shall be conducted in accordance with the University's "Guidelines for Interaction between Thesis Advisors and Graduate Students."

第六條 轉組與轉所

Article 6 Transfer of Group/Institutes

一、碩士班研究生得依自己之興趣，於入學修課滿兩個學期後，經原指導教授同意，提出轉組申請，並經所相關會議審查通過後完成轉組程序，但於轉組後須於畢業口試前至少修滿 36 學分後（包含原組別與變更後組別之核心課程各 6 學分與專業選修課程各 9 學分，且每科皆須及格），始得申請畢業口試。

Master's students may apply for a track transfer based on their research interests after completing at least two semesters of study. The application requires the consent of the original advisor and must be approved through the relevant Institute meeting to finalize the transfer process. Following the transfer, students must complete at least 36 credits before applying for their oral defense. These 36 credits must include passing grades in 6 credits of core courses and 9 credits of technical elective courses from both the original and the new tracks.

二、入學後不得轉所。

Transferring to other institutes after enrollment is strictly prohibited.

第七條 碩士學位考試規定

Article 7 Degree Examination

一、碩士生通過本所碩士學位所須之修課規定與學分，提出論文，得申請碩士學位考

試。學位考試需提出申請，經核准後方得舉行。經碩士學位考試委員會考試通過且繳交論文紙本者，由本校授予碩士學位。

Master’s students who have fulfilled the coursework and credit requirements of the Institute and completed their thesis may apply for the Master’s Degree Examination. The examination shall be held only after the application has been submitted and officially approved. Students who pass the examination by the Master's Degree Examination Committee and submit the hardbound copies of their thesis shall be conferred a Master’s degree by the University.

二、學位考試含論文考試及論文審查。

The Master’s Degree Examination shall consist of both the thesis defense (oral examination) and the thesis evaluation.

三、舉行學位考試之碩士生應先完成「論文原創性比對」，且相似度低於 20%(含)。若相似度超過 20%，應檢附說明，並由指導教授簽名同意，方可申請學位考試。

Prior to applying for the Master’s Degree Examination, students must complete the University’s "Thesis Originality Check." A similarity index of 20% or below is required. Should the similarity index exceed 20%, the student must provide a written explanation and obtain the advisor's signature of approval before the application can be processed.

四、碩士學位論文(含摘要)以中文或英文撰寫為原則，並須符合本校學位論文格式規範。學位考試通過後應將論文摘要及全文電子檔上網建檔，並繳交應論文二冊(一冊本校圖書館陳列，一冊由國家圖書館收藏)。

The Master’s thesis (including the abstract) should, in principle, be written in either Chinese or English and must comply with the University’s thesis formatting guidelines. After passing the degree examination, students shall upload the electronic version of the abstract and the full text to the designated database. Additionally, two hardbound copies of the thesis must be submitted: one for the University Library and one for the National Central Library.

五、學位考試成績不及格，其修業年限尚未屆滿者，得於次學期或次學年重考，重考以一次為限；重考成績仍不及格者，應令退學。

Students who fail the degree examination may retake it once, provided they remain within the permitted study duration. Failure of the retake shall result in dismissal.

六、碩士生提出之學位論文有違反學術倫理情事時，根據本校相關規定辦理。

Any dissertation found to involve academic misconduct shall be handled in accordance with University regulations.

第八條 碩士班學位考試委員資格

Article 8 Qualifications for Master's Degree Examination Committee Members

碩士班研究生之碩士學位考試委員會置委員三至五人，由本所就校內外學者專家中對研究生所提論文之研究領域有專門研究，並具備下列資格之一者，向校長推薦，由校長遴聘組成之。

The Master's Degree Examination Committee shall consist of three to five members. Members shall be selected from scholars or experts with specialized expertise in the student's research field. Candidates are recommended by the Institute and officially appointed by the President. Each member must meet at least one of the following qualifications:

一、現任或曾任教授、副教授。

Current or former professor or associate professor.

二、擔任中央研究院院士、現任或曾任中央研究院研究員、副研究員。

Academician of Academia Sinica, or current/former research fellow or associate research fellow of Academia Sinica.

三、獲有博士學位，在學術上著有成就者，或在專業實務或技能上著有成就者。

Holder of a doctoral degree with demonstrated academic distinction, or recognized professional/technical achievements.

四、研究領域屬於稀少性、特殊性學科或屬專業實務，且在學術上或專業上著有成就者。

Specialist in rare or highly specialized disciplines with distinguished academic or professional accomplishments.

前項第三款、第四款資格之認定基準，由本所訂定之。

Criteria for determining qualifications under Items (3) and (4) shall be established by the Institute.

碩士班研究生之配偶、前配偶或三親等內之血親、姻親，不得擔任其碩士學位考試委員。

The spouse, former spouse, or relatives within the third degree of kinship (by blood or marriage) of a Master's student may not serve as a member of the student's Master's Degree Examination Committee.

第九條 畢業與離校

Article 9 Graduation and Departure Procedures

一、學位考試通過後，研究生應於考試當學期繳交「學位考試成績資料表」至註冊組，第一學期需於 1 月 31 日前繳交；第二學期需於 7 月 31 日前繳交。

Students who pass the degree examination shall submit the "Degree Examination Result Form" to the Registration Division within the same semester: By January 31 for the first semester, or by July 31 for the second semester.

二、學位論文紙本之繳交期限為舉行學位考試日的次學期開學前最後一個工作日，逾期未交論文紙本且未達修業年限者，次學期仍應註冊。

Hardbound copies of the dissertation must be submitted by the last working day before the start of the following semester. Students who miss the deadline and remain within the permitted study duration must register for the next semester.

三、修業年限屆滿者，未於年限屆滿當學期繳交學位考試成績資料表或未於次學期開學前最後一個工作日前繳交紙本論文，應予退學。

Students who reach the end of their maximum study duration and fail to submit either the "Degree Examination Result Form" by the end of the semester, or the dissertation hard copies by the last working day before the start of the following semester, shall be dismissed.

第十條 本規章未盡事宜，依本校及本所相關規定辦理。

Article 10 Supplementary Provisions

Any matters not covered in these Regulations shall be handled in accordance with relevant University and Institute rules.

第十一條 本規章初次由研究所教師會議訂定，修正時由所級課程委員會修訂，經研究所教師會議、院級課程委員會及校級課程委員會審議，管理委員會審議通過後施行，報監督委員會備查。

Article 11 Amendments

These Regulations were initially approved by the Institute Faculty Meeting. Amendments shall be drafted by the Institute Curriculum Committee and, following review by the Institute Faculty Meeting, the College Curriculum Committee, and the University Curriculum Committee, shall take effect upon approval by the Management Committee and be submitted to the Supervisory Committee for record.

These Regulations are adopted in Chinese, which shall prevail in case of any discrepancy between the English translation and the Chinese original.