International College of Semiconductor Technology, National Yang Ming Chiao Tung University
Regulations Governing the Dual/Joint Master Degree with Indian Institutes of Technology
Applicable to admissions in Academic Year 114 (2025)

Revised and approved on Jan. 19, 2024 by Curriculum Committee of the Colleges.
Revised and approved on Apr. 2, 2024 by Curriculum Committee of the Colleges.

Article 1 Basis of Regulations:

These regulations are formulated by the International College of Semiconductor Technology (hereinafter referred to as the College) of National Yang Ming Chiao Tung University (hereinafter referred to as the University) in accordance with the "National Yang Ming Chiao Tung University Regulations for Master and Master Degrees Conferment" to regulate the degree and research requirements for students of the College's dual/joint Master programs with Indian Institutes of Technology (hereinafter referred to as dual/joint Master students).

Article 2 Admissions Channel:

Students can be admitted into the College's Master programs via the dual/joint academic program operated by the University and Indian Institutes of Technology.

Article 3 Duration of Study:

The combined study duration in both universities for dual/joint Master students shall be at least 24 months, of which the duration in the University shall be at least 2 semesters. The duration of study may be altered upon approval by both universities.

Article 4 Degree Requirements:

Dual/joint Master students shall meet the following requirements for graduation:

1. Professional Courses:
   (1) Credits for graduation: Students are required to complete a minimum of 24 credits of postgraduate courses, which includes required core courses. One-third of the credits must be taken at this university, one-third at the Home university, and the remaining credits can be taken at either this university or the Home university.

   The required core courses (6 credits) must be designated by the University's dissertation advisors and be limited to the University's graduate courses. The remaining credits can be taken in the University or the students' original universities. Courses taken in the original universities shall be processed in accordance with the University's regulations related to credit transfer/course exemption.
   (2) Seminars: to be passed for at least two semesters.
   (3) Academic Dissertation Research: to be taken in two semesters.
   (4) Credits for language-related courses and exempted courses do not count towards credits for graduation.
2. Other requirements for course registration:
   (1) Students must pass the "Academic and Research Ethics" course.
   (2) Students must complete the online "Gender Equality Education" course.

3. Students must pass the Master degree examination.

Dual/joint Master students who score under 70 points (B-) in a course shall be considered as having failed the course. The credits of the course shall not be counted.

The requirements for graduation credits, subjects, and related studies are subject to the regulations applicable to the dual/joint degree programs of the academic year when the dual/joint Master students are admitted. Any issues that arise shall be judged by the Curriculum Committee.

Article 5 Dissertation Advisor:

1. Dual/joint Master students shall submit consent letters obtained from dissertation advisors of both universities within one month from the start date of the first semester after admission. The consent letters shall be submitted to the College for review after being signed and confirmed by the dissertation advisors of both universities.
2. The dissertation advisors must be the College's full-time teachers or the jointly-appointed teachers. For cases where co-advising is needed, the "Dissertation Co-advisors' Agreement" shall be prepared and be approved by the original dissertation advisor and co-advising professor(s).
3. Changes to the advisor-advisee relationship:
   (1) If a postgraduate student intends to terminate the dissertation advisor-advisee relationship or change his/her dissertation advisor during the study period, the student should apply to the College in writing, which shall take effect after the original advisor is notified. The original advisor’s consent is not required.
   (2) If a dissertation advisor intends to terminate the advisor-advisee relationship, the advisor shall apply to the College in writing, which shall be reviewed by the College. The College shall advise the student of the review results.
   (3) The advisor-advisee relationship may only be changed once.
   (4) After the advisor-advisee relationship is changed, the originally published dissertation and graduation points shall not be considered/counted.
   (5) After changing dissertation advisor, there must be a waiting period of at least one year before the dissertation can be publicly presented. However, this regulation does not apply if the change is due to the resignation or retirement of the original dissertation advisor.
   (6) Any disputes concerning this issue shall be handled by the Curriculum Committee, and shall be submitted to the College Affairs Meeting for resolution.
   (7) Issues not fully stipulated in these Regulations shall be handled in accordance with the "National Yang Ming Chiao Tung University Regulations for Master and Master Degrees Conferment" and the "National Yang Ming Chiao Tung University – Thesis/Dissertation Advisor and Advisee Interaction Guidelines".

The change of advisor-advisee relationship stated in this article applies retroactively to all students currently studying in the College.

Article 6 Credit Transfer:

The maximum number of credits that can be transferred and exempted for dual/joint

degree program shall be determined in accordance with the University's regulations related to the dual/joint academic system.

Article 7 Members of Degree Examination Committee:

The College's Master's Degree Examination Committee is comprised of three to five members selected by the College from NYCU and non-NYCU scholars/experts who specialize in the topics of the theses being submitted, and possess one of the following qualifications. The selected scholars/experts shall be appointed to be committee members by the University's President. One committee member shall be designated as the convener; thesis advisors are not allowed to serve as a convener.

1. Current or former professors, associate professors or assistant professors
2. Academicians of the Academia Sinica, current or former research fellows, associate research fellows or assistant research fellows of the Academia Sinica
3. Scholars/experts with doctoral degrees and outstanding academic achievements
4. Scholars/experts being engaged in research areas involving rare/special topics or professional practices, and known for academic or professional achievements

The qualifications of items 3 and 4 of the preceding paragraph shall be determined by the Curriculum Committee.

Spouses/ex-spouses or relatives by blood or marriage within the third degree of relationship of the dual/joint Master students are not allowed to serve as a Master Degree Examination Committee member for the student.

Article 8 Degree Examination:

Dual/joint Master students may apply for the Master's Degree Examination with the recommendation from their thesis advisors after completing the required courses and obtaining the required credits.

The master's degree examination may be held earlier for students who submit their thesis upon the recommendation of the thesis advisors when the required courses and credits for their master's degree have not yet been completed but shall be completed at the end of the semester. The student can apply for the conferment of a master's degree after their courses have been completed and the required credits have been obtained. However, the results of the degree examination shall not be accepted and considered valid if the student fails to complete their required courses within the semester.

The time schedule for a degree examination shall be arranged by the thesis advisor. In addition, a paper copy of the "Recommendation Letter for Master Thesis Oral Defense" shall be submitted to the College two weeks before the examination so that official documents can be submitted to the University's President for the approval, by which the Degree Examination Committee can be formed for the examination and assessments.

The degree examination for the College's dual/joint Master candidates includes dissertation examination and dissertation review:

1. Dissertation examination:
   (1) The examination shall be carried out in the form of an oral defense/examination.

(2) In principle, the oral defense should be conducted publicly. The time, venue and thesis topic must be announced at least one week before the oral defense.
(3) The preliminary draft of the thesis must be sent to the examination committee members for review at least 7 days before the oral defense.
(4) The examination can only be held when at least three members (including the thesis advisor) of the Degree Examination Committee are present. Committee members must attend in person, and cannot entrust others as representatives.
(5) Examination committee members can clearly indicate the directions and main points for thesis revisions, upon which the student can revise his/her thesis.
(6) The "pass mark" for the degree examination is 70 points (B-), while the "full mark" is 100 points (A+), which shall be determined based on the average marks given by the attending committee members. However, students who are assessed as having "Not Passed" by more than half of the attending committee members shall be regarded as having "Failed", and the average marks shall not be calculated.
(7) Degree Examination Committee members shall check whether the student's thesis topic and content are in line with the professional research field of the teaching unit to which the student belongs, which shall then be verified by the convener of the Degree Examination Committee by signing off the "Thesis Defense Grading Sheet" for approval.
(8) Students who fail in their degree examination within their valid duration of study may retake the examination in the following semester or next academic year. Only one examination retake is permitted. Students who fail to pass the re-examination shall be withdrawn from the university.
(9) Theses involving falsehoods, alterations, plagiarism, or having been written by others or involving other fraudulent acts, after being reviewed and verified by the Degree Examination Committee, shall receive a degree examination score that shall be registered as "Zero", and no re-examination will be allowed.
(10) Thesis by publication shall meet National Yang Ming Chiao Tung University Rules for Thesis by Publication.

2. Dissertation review:
(1) After passing the dissertation examination, the dual/joint Master students shall revise their dissertations based on the instructions offered by examination committee members, and re-submit the revised dissertations to the examination committee members for review.
(2) No marks shall be given when the thesis is reviewed. But at least two-thirds of the examination committee members' agreements shall be obtained for the thesis to be judged as having "Passed". Where the thesis has passed review, the attending members of the oral examination committee shall sign a "Thesis Approval Form." For any student or candidate whose thesis has been approved, the thesis examination grade will be his/her degree examination grade.
(3) Postgraduate students should complete a report of originality comparison of their revised dissertation (thesis) and it should also be confirmed by their advisor.

After passing the degree examination, the students shall submit their "Thesis Defense

Grading Sheet" to the Registrar Division within the semester when the examination is taken. The deadline for submission in the first semester is January 31, while the deadline for submission in the second semester is July 31.

After passing the degree examination, the student shall submit his/her Degree Examination Results Sheet, printed copies of thesis, thesis originality comparison report and a Declaration of Thesis Academic Ethics and Originality Comparison as well as create and make available computer files of the thesis abstract and full-text online, and complete graduation and university-leaving procedures before a degree certificate shall be issued by the Registrar Division.

The deadline for the submission of printed copies of a thesis is the last working day before the class start date of the next semester after the degree examination is held. Enrollment is still required for students who fail to submit their printed copies of theses in time, and their duration of study is not completed. Students shall be withdrawn from the university if they fail to submit the "Thesis Defense Grading Sheet" within the semester when their duration of study is completed, or fail to submit the printed copies of their theses before the last working day prior to the class start date of the next semester.

This article applies retroactively to all the students currently studying in the College.

Article 9 Degree Dissertation:

In principle, a master degree dissertation (including abstracts) should be written in Chinese or English, and shall comply with the University's regulations on degree dissertation formatting. After passing the degree examination, students shall create and make available computer files of the dissertation abstract and full-text online (in accordance with the University's "Library's Regulations on e-File Creation for Degree Thesis/Dissertation Abstract and Full-text"), and submit two copies of their dissertation (one is to be cataloged in the University's library, and the other shall be kept by National Central Library).

The retention or provision of the degree dissertations shall be handled in accordance with Article 16 of "Degree Conferral Act". However, a dissertation that includes confidential/patented information or shall not be provided by law will be handled in accordance with the University's regulations on deferred publication of degree dissertations.

Article 10 Degree Revocation:

A Master degree shall be revoked after conferment if any one of the following facts is identified, and the degree certificate being conferred shall be invalidated through announcement.

1. The student's eligibility or studying involves dishonesty or fraud.
2. The dissertation involves falsehoods, alterations, plagiarism, has been written by others or involves other fraudulent acts.

After the degree is revoked in accordance with the regulations stated in the preceding paragraph, the student shall be notified that the degree certificate shall be returned, and other colleges, universities, and related agencies shall be informed of the degree revocation and invalidation.

Article 11 Revisions of Regulations:

Any issues not fully stipulated in these Regulations shall be handled in accordance with the relevant regulations formulated by the Ministry of Education and the University. Any issues that arise shall be judged by the Curriculum Committee or be submitted to the College Affairs Meeting for resolution.

These Regulations are formulated, reviewed and approved by the College's Curriculum Committee, which shall then be reviewed and approved by the University's Curriculum Committee before being implemented. The same applies in the case of revision of these Regulations.