International College of Semiconductor Technology, National Chiao Tung University
Regulations for Master Degree (Applicable to admissions in Academic Year 2018)

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I. Basis of Regulations:

To regulate the degree requirements and research of students in International College of Semiconductor Technology (hereinafter referred to as master students) at International College of Semiconductor Technology (hereinafter referred to as the College), National Chiao Tung University (hereinafter referred to as the University), these regulations are formulated in accordance with the National Chiao Tung University Regulations for Master and Doctoral Degrees Conferment.

II. Admission Channel:

Applying with a bachelor degree or higher degree (including the undergraduates who are expecting their bachelor degree in the current academic year and the students with equivalent educational level), students are admitted through the public applications and into the College's Master program according to the following channels:

1. Admission via Recommendation (hereinafter referred to as Recommended Student)
2. Admission via Entrance Exam
3. The dual/joint program: Master students admitted into the College's Master program according to the dual/joint school system of the University and overseas universities.
4. Other channels: Master students admitted into the College's Master program according to other relating admission requirements of the University.

III. Duration of Study:

The minimum and maximum duration of study for master program of the College must be one to four years; Part-time students may extend the duration of study for one more year.

The abovementioned duration of study excludes the period of suspension. Master students are able to apply for suspension for one semester, one academic year or two academic years. The maximum of the accumulated suspension is two academic years.

Students who are unable to complete all the requirements for the master degree of the College by the end of study duration shall be required to withdraw from school.

IV. Degree Requirements:

Master students of the College shall fulfill the following requirement in order to graduate:

1. Required core course (6 credits): Two of the following courses - Semiconductor Physics and Devices (I), Semiconductor Processings, and Chip Design and Circuit Simulation.
2. Graduation credits: At least 24 credits of the core courses. (Does not include language-related courses; Teaching Technique Practice are required elective course for teaching assistant, the credit (1credit at most) of this course is counted into graduation credits.) The course not taught in English shall not exceed 6 credits.
3. Students must pass the Academic and Research Ethics course before the end of the first semester of their enrollment.
4. Seminars: Each first-year student is required to pass seminar courses for the duration of the study (except for the time studying abroad under the dual/joint degree program or other programs approved by the University). Those who failed have to pass at least two semesters of seminars.
5. Academic Dissertation Research: to be taken in four semesters.
6. Before the add-drop deadline in each semester, students must submit their course proposal to the dissertation advisor and Dean of College for approval.
7. Students must pass the master degree examination and submit their Oral Defense Committee Certificate of Approval.

Master students scoring less than 70 points in a course are considered to have failed the course, and credits from that course shall not be counted.

Graduation credits, subject and other degree requirements shall be based on degree regulations for the current academic year in which the master student is admitted. Students can choose either revised version or non-revised version of degree regulations to which is more beneficial. Any questions shall be addressed by the Curriculum Committee.

V. Dissertation Advisor:

Master students of the College must choose and affirm a dissertation advisor and submit the consent form from the dissertation advisor within two weeks from the beginning of the first semester of admission. Upon approval by the dissertation advisor, the forms will be reviewed by the College; Students who are unable to affirm a dissertation advisor before the deadline are allowed to postpone the deadline until the beginning of the second semester. If the students still can’t make the affirmation, it will be handled by the Curriculum Committee.

The qualification of dissertation advisors is limited to full-time teachers and qualified teachers at the College. If the dissertation advisor in the related field doesn’t serve as a full-time or qualified teacher at the College, the qualifications of the advisor shall be determined by the Curriculum Committee.

If co-advising is needed, students shall submit a dissertation co-advisor agreement to the original dissertation advisor, co-advisors and Dean of College for approval.

Changing dissertation advisor-advisee relationship:

1. During the period of study, if graduate students :
   (1) To terminate their dissertation advisor-advisee relationship, the termination must be approved by the Dean of College to be valid.
   (2) To change their dissertation advisor, the change must be approved by the new dissertation advisor and Dean of College to be valid.

2. Dissertation advisor can only be changed once.
3. After changing a dissertation advisor, the original dissertation presentation and graduation points shall not be counted.
4. Any dispute shall be handled by the Curriculum Committee and submitted to the College Affairs Meeting for resolution.
5. Other unforeseen matters shall be handled in accordance with the National Chiao Tung University Regulations for Master and Doctoral Degrees Conferment.

The fourth items of this article apply retrospectively to the students of the College.

VI. Credits Transfer and Waiver:

Students who have completed the master courses before enrolling are able to apply for the credit transfer or waiver in accordance with the credits transfer regulations for master students of the College. If master students study the dual/joint degree program or are admitted by passing their second entrance examination due to the reason that they were unable to graduate by the end of study duration, they can apply for the credit transfer or waiver of received credits (including English-related courses and Seminars).

VII. Examination Committee for Master Degree Examination:

The Examination Committee for the master candidate must comprise 3-5 scholars and experts from the University or outside the University. Committee members must have research expertise in the dissertation topic submitted by the master student, and must have one of the following qualifications below. The list of Committee members will be submitted to the Dean of College for appointment by the University President. The Dean of College shall appoint one member of the Committee to be the convener. The dissertation advisor may not concurrently serve as the convener:

1. Current or former professor or associate professor.
2. Academician of the Academia Sinica, current or former researcher fellow, associate researcher fellow or assistant researcher fellow of the Academia Sinica.
3. Have a doctoral degree and demonstrated academic achievements.
4. Research field is in a rare or special subject, and demonstrated academic or professional achievements.

The qualifications listed in above Items 3- 4 shall be determined by the Academic Committee.

The spouse or third-degree relative of the master student by blood or marriage shall not be a member of his or her master degree Examination Committee.

VIII. Degree Examination:

Master students of the College shall complete the study of courses and receive the required credits. Upon the recommendation of their dissertation advisor, students can apply for the degree examination.

Student who has submitted her/his thesis and is recommended by the supervisor may apply for an early degree examination even if she/he will not complete the required courses and credit hours until the end of the semester. The master degree will be conferred after the courses are completed and the required credits are earned by the student. If any required course is not completed during that semester, the results of degree examination will not be recognized.

The time schedule of degree examination shall be arranged by dissertation advisor.

Students must submit a letter of recommendation for master oral defense to the College two weeks before the degree examination for the University President to issue the invitations to Committee members and form the Examination Committee for the examination.

The degree examination for master candidates of the College includes dissertation examination and dissertation review:

1. Dissertation examination:
   (1) Conducted orally.
   (2) The oral defense is conducted publicly. The time, venue and dissertation topic must be announced at least one week before the examination.
   (3) The preliminary draft of the dissertation must be submitted to the Examination Committee for review at least 7 days before the oral defense.
   (4) At least 3 members of the Examination Committee must be present at the examination (including the dissertation advisor) for the examination to begin. The Committee members must attend in person and shall not authorize representatives to attend on their behalf.
   (5) The Examination Committee members must clearly indicate key revision direction and points as guidelines for students to revise their dissertation.
   (6) Passing score for the degree examination is 70 points. The full score is 100 points. Only one evaluation is allowed, and the deciding score is the average of the scores given by members of the Examination Committee present at the examination. However, if more than half of the Committee members present give a failing score to the candidate, the final score is a fail and average score shall not be calculated.
   (7) The Examination Committee shall fail candidates found with plagiarism or fraud in their dissertation. If plagiarism or fraud is found after the degree has been conferred, the degree shall be revoked and the diploma shall be recovered.
   (8) On the day of completing their dissertation examination, master students must submit their degree examination result, the oral defense grade report of each Committee member present and the receipts of oral defense Committee members from outside the University to the College.

2. Dissertation Review:
   (1) After passing their dissertation examination, master students shall revise their dissertation according to the instructions of the Examination Committee members. The revised dissertation shall be submitted to the Examination Committee for review.
   (2) The dissertation review shall not be graded. However, at least two-third of the Examination Committee must approve of the revision to pass the review.
   (3) The dissertation examination grade of students who pass their dissertation review is the grade of their degree examination, and their Oral Defense Committee Certificate of Approval shall be signed by members of the Committee present at the dissertation

examination.

Master students must complete the following within one month after passing their dissertation examination and review:

1. Submit their Oral Defense Committee Certificate of Approval to the College.
2. Upload e-files of their dissertation abstract and full-text to the National Chiao Tung University Electronic Theses and Dissertations System according to the National Chiao Tung University Library Regulations for Submitting Electronic Files of Thesis and Dissertation Abstract and Full-text. Upon review and approval by the Library, print out paper copies of the dissertation.
3. In principle, master dissertations (and abstracts) should be written in Chinese or English, and must comply with the National Chiao Tung University Dissertation Format Specifications.

For students who have passed their dissertation examination and review, excluding the students who enroll in teacher education program and need to continue their study upon approval by Center for Teacher Education, the College will submit their dissertation grade and a copy of their Oral Defense Committee Certificate of Approval to the Division of Registrar of the Academic Affairs Office within one week for filing.

IX. Graduation and School-leaving:

For master students who have passed their master degree examination, met master student degree requirements and submitted their Oral Defense Committee Certificate of Approval, the College will submit application to the University for conferment of master degree.

After review and approval from the library, master students may print their graduation school-leaving form from the graduation and school-leaving system of the University's Registrar Division of the Academic Affairs Office. After the form is signed by the dissertation advisor, submit to the University together with the following documents to complete the school-leaving procedure:

1. Notification of approval of dissertation e-files from the library.
2. Two hard copies of the dissertation (paperback): One copy will be archived in the University library, and the other will be submitted by the Academic Affairs Office to the archiving unit designated by the Ministry of Education.
3. A CD file of the full text of the dissertation: The College will archive the CD file with the full text of the dissertation.
4. Other required documents and information.

The graduation semester for master students refers to the enrolled semester in which the dissertation oral defense grades and Oral Defense Committee Certificate of Approval are submitted.

Master students who pass their dissertation examination before January 31 or July 31 of each year, but who are unable to pass their dissertation review and submit their Oral Defense Committee Certificate of Approval within the second week of the next semester should still register for the next semester.

Master students who have passed their dissertation review and submitted their Oral

Defense Committee Certificate of Approval, but who are unable to complete their school-leaving procedure before the beginning of the next semester shall be handled according to graduated status.

Students who are unable to submit their Oral Defense Committee Certificate of Approval by the end of the degree study duration shall be regarded as having failed their degree examination, and shall be required to withdraw from school.

X. Amendments:

Other unforeseen matters not addressed in these regulations shall be handled in accordance with relevant Ministry of Education and University regulations. Any disputes shall be handled by the Curriculum Committee or submitted to the College Affairs Meeting for resolution.

These regulations are formulated and approved by the Curriculum Committee of the College, reviewed by the University level Curriculum Committee, and implemented upon review and approval by the Academic Affairs Meeting; the same procedures shall be applied to any amendment.